NEWS 2014

LIGHTING

2a Edizione - 2nd Edition

Relco GROUP®

Incassi - Sistemi tecnici
Recessed - Technical systems

Incassi tecnico decorativi
Recessed technical and decorative

Proiettori decorativi
Decorative floodlights

Sistemi a canalina, Reglette e Strips led
Truck systems, Reglette and LED strips

Riflettori industriali
Industrial fittings

Apparecchi stagni
Waterproof lighting

Apparecchi per esterni industriali e residenziali
Outdoor lighting for industrial and residential areas

made in Italy

Led Rondò

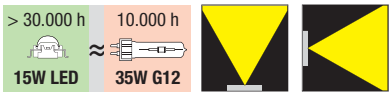
Apparecchi di illuminazione a led da incasso per applicazioni da esterno

Apparecchi di illuminazione a led da esterno per installazione a incasso da esterno.
Trova la giusta applicazione l'addove si voglia creare una illuminazione di atmosfera, giardini, piazze, bordo piscina o semplicemente per valorizzare una facciata. Grazie all'ottima resistenza alle intemperie e all'elevato grado IP, LED Rondò è l'apparecchio ideale. Con sorgente luminosa a LED basculante a luce calda o fredda facilmente sostituibile e possibilità di scelta dei gradi di apertura della lente (25° o 40°).
Direttamente collegabile alla rete senza l'ausilio di alimentatori esterni.
Corpo: alluminio pressofuso, ghiera e viterie in acciaio AISI 304
Verniciatura: di tipo poliestere, eseguita a polvere
Schermo: vetro temperato spessore 10mm resistente agli shock termici e agli urti
Cablaggio: predisposizione per collegamento in serie; cassaforma in materiale termoplastico inclusa
Sistema carrabile fino a 10Km/h, 1t.
Garanzia: 5 anni.
Durata LED: >30.000 h.

Recessed LED lighting fixtures for outdoor installation

Outdoor LED lighting fixtures for outdoor recessed installation.
Suitable for creating atmosphere lighting in gardens, squares, swimming pools, or simply for enhancing a façade. The Rondo LED is the ideal fixture as it resists all weather conditions and has a high IP rating.
With the tilting LED light source with warm or cold light, it can be easily replaced; moreover, you can choose from different lens opening degrees (25° or 40°).
It can be connected directly to the mains supply without any external supply.
Body: *die cast aluminium, setting ring and nuts in stainless steel AISI 304*
Coating: *coated with powered polyester*
Shield: *tempered glass with a thickness of 10 mm, resistant against thermal shocks and collisions*
Wiring: *prearranged to be connected in serie; thermoplastic framework included*
Carriageable system up to 10Km/h, 1t.
Warranty: 5 years.
Span LED: >30.000 h.

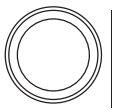
Comparazione LED/Halo tradizionale



230/240V AC 50/60Hz | durata led /*span led* >30.000 h | colorazione LED/*colour LED* 3000K 6000K | IP67 | IK08 | CRI 85 | 850°

LED Rondò orientabile

Ø 213



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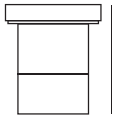
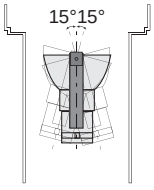


285

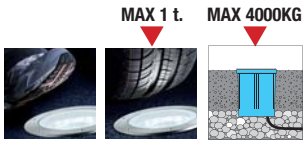
colour	W			Lm	K	Kg	CELL
S	15	25°	B 1LED MULTICHIP	1140	3000	3,80	32540
S				1300	6000		32541

Basculante
Tiltable



40°

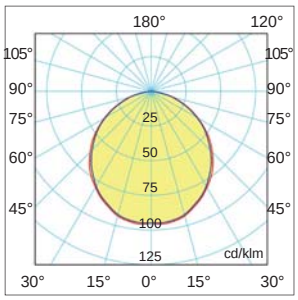
A richiesta con fascio lente:
Available with beam angle:



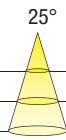
in caso di posa in muratura, la struttura muraria deve sostenere un carico di 4000 Kg senza deformarsi.
Il fondo della cassaforma è aperto, si rende necessario un fondo di ghiaia per il drenaggio. Calpestabile e carrabile, fino a 10 Km/h. 1t., non sostare.

In the event of masonry laying, the wall structure must withstand a load of 4000 kg without deforming. The bottom of the framework is open, it's necessary a gravel bottom for drainage. Walkable and suitable for vehicles, up to 10 Km/h.1t., do not stand.

Dati fotometrici - *Photometric data*



3000K



		Emax
Ø 0.45 m	1 m	2758 lux
Ø 0.90 m	2 m	616 lux
Ø 1.33 m	3 m	139 lux

6000K

		Emax
Ø 0.45 m	1 m	3172 lux
Ø 0.90 m	2 m	707 lux
Ø 1.33 m	3 m	158 lux

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Reprint: September 2013

Le lampade illustrate in questa Brochure sono progettate dagli ingegneri Relco e prodotti in Italia nei propri stabilimenti.

Fittings illustrated in this brochure are designed by Relco engineers products in Italy and produced in Italy by our Group.

Noi utiliziamo solo LED:
We use only LEDs:

CITIZEN
CREE
PHILIPS LUMILEDS
SEOUL SEMICONDUCTOR
OSRAM

Garantiti per oltre **30.000 h.**:
*Guaranteed for over **30.000 h.**:*

DURATA 30.000 h. LIFETIME

Relco Group persegue una politica di continua ricerca e sviluppo, quindi si riserva di variare in qualsiasi momento e senza preavviso le caratteristiche dei prodotti illustrati

***Relco Group** pursues a policy of continuous research and development, and reserves the right to change at any time and without prior notice, the characteristics of the products*

Progettazione illuminotecnica - *Lighting design*

I progetti illuminotecnici sviluppati da Leonardo Luce Italia e Segno mettono a disposizione dei clienti il Know-how e le soluzioni più efficaci per esigenze spesso molto complesse. La definizione di ogni Progetto determina un'autentica partnership, una relazione flessibile che amplia i possibili scenari e fornisce nuovi e reciproci spunti per entrambi. Durante la realizzazione lo Staff LTS (Lighting Technical Support) garantisce, sin dalle prime fasi, lo sviluppo idoneo a ciascuna esigenza. Leonardo Luce Italia offre tramite il suo Staff LTS e l'avanzato programma di progettazione per ambienti interni, esterni e strade, importanti soluzioni anche in fase di preanalisi, garantendo:

- La possibilità di consultare le caratteristiche fotometriche dell'apparecchio per l'idonea applicazione
- L'elaborazione ed il calcolo per ottenere i corretti parametri d'illuminamento, luminanza e uniformità necessari per lo specifico compito visivo.

Il risultato dei calcoli eseguiti consentirà di produrre una documentazione esaustiva riguardante gli effetti ottenuti nell'ambiente considerato (valori, curve isolux, rendering tridimensionali a colori etc) di cui le immagini qui a lato ne sono un esempio.

Il servizio illluminotecnico viene effettuato dal nostro personale altamente qualificato e, previa stima del tempo necessario per il progetto, verrà definita e concordata la valutazione economica con il nostro Staff.

Il pagamento dovuto alla consulenza tecnica per lo sviluppo del progetto, in caso di vendita realizzata al cliente, verrà defalcato dall'importo della fattura di acquisto. E' inoltre possibile scaricare il programma LITESTAR 10 nell'area download del sito istituzionale.

Leonardo Luce Italia and Segno fields its expertise and devises highly efficient illumination engineering solutions able to meet even the most exacting of its customers' needs. We work with the customer on each project in a close and flexible manner, covering all the possibilities and aiming to benefit both parties. The Lighting Technical Support (LTS) staff places the customer's needs first and foremost. Leonardo Luce Italia can devise quality solutions, even during the pre-analysis phase, courtesy of its LTS Staff and an advanced illumination engineering program for interior and exterior environments and roads. The company can also offer:

- *The option of testing the photometric properties of the device for suitable application.*
- *A report and calculations to determine the correct lighting, luminosity and uniformity required for the specific visual purpose.*

Exhaustive documentation can be drawn up on the basis of the results of the calculations concerning the effects in the required environment (value, isolux curves, three-dimensional rendering in colour, etc.); the pictures provide an example.

The illumination engineering service is provided by highly qualified workers who can give an estimate of the time required for your project and valuate the cost. The cost of the technical consultancy for developing a project, in the event of a purchase, shall be deducted from the amount on the purchase invoice.

You can also download the LITESTAR 10 program in the download section of the company website.

Isolux

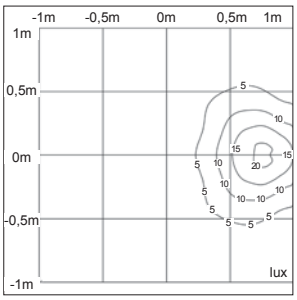


Diagramma polare
Polar diagram

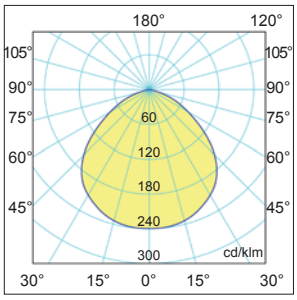
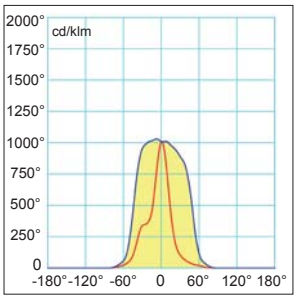
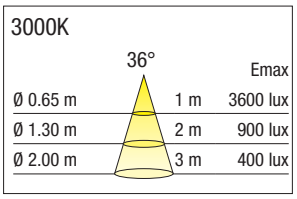


Diagramma cartesiano
Cartesian diagram



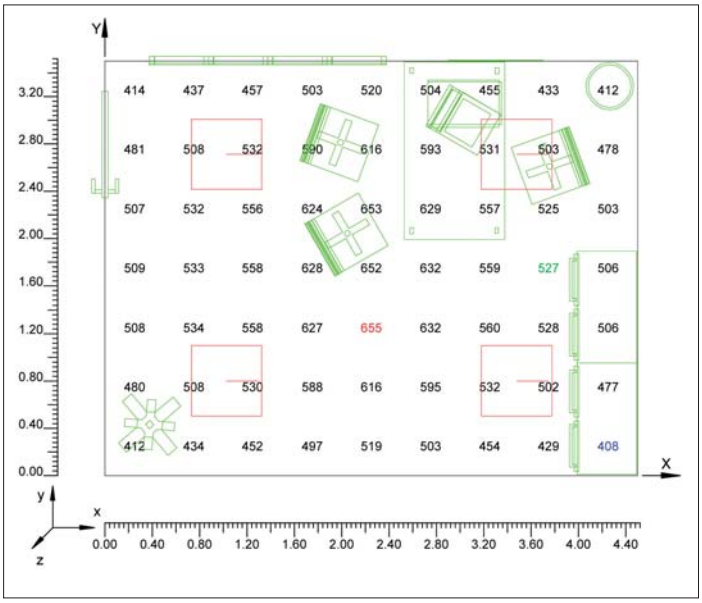
Cono
Cone

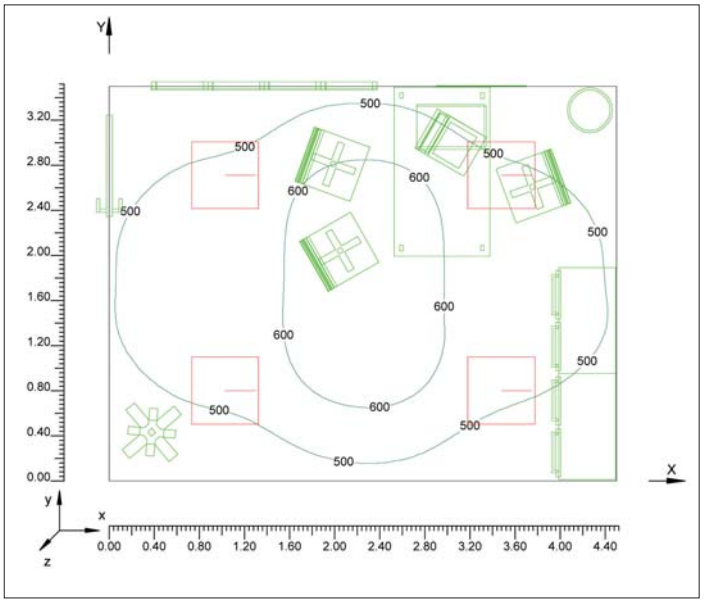


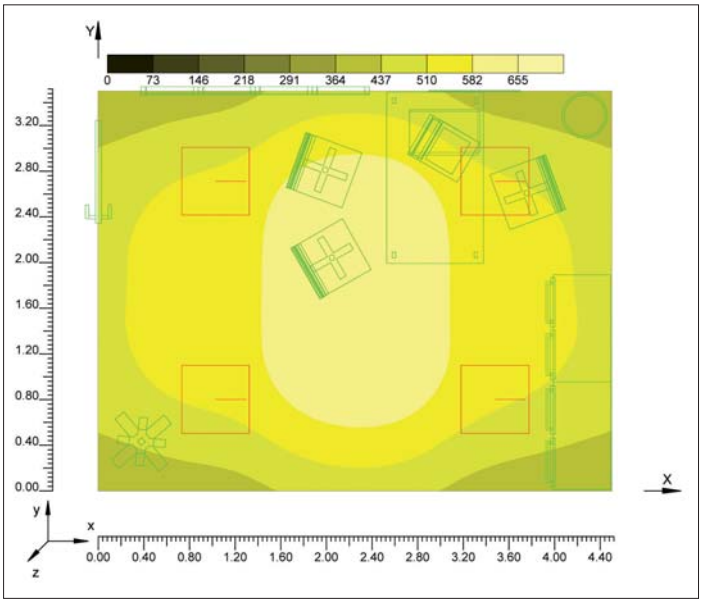
FLUSSI LUMINOSI E POTENZA REALE DEGLI APPARECCHI A LED RELCO - *LUMINOUS FLUX AND REAL POWER OF RELCO LED FIXTURES*

I flussi luminosi degli apparecchi a LED compresi in questo catalogo sono riferiti a valori illuminotecnici che tengono conto delle condizioni di esercizio del prodotto finito, quindi valori con LED a temperatura di 85°c comprensivi di schermo e/o diffusori propri dell'apparecchio. **A differenza della maggior parte dei nostri concorrenti**, che dichiarano il valore di flusso nominale del LED a 25°c, non considerando l'attenuazione di schermi e diffusori, **preferiamo dichiarare ciò che effettivamente il cliente otterrà in termini di rendimento reale dal prodotto installato**. Vi preghiamo pertanto di confrontare i nostri dati con quelli dei concorrenti in modo omogeneo. La garanzia di 5 anni si riferisce alla sola sorgente luminosa

The luminous flux of LED fixtures included in this catalogue refers to light engineering values that take into account the operating conditions of the finished product, therefore values with LED temperature of 85°C including the fixture's screen and/or diffuser. ***Unlike most of our competitors****, who state nominal LED flux value at 25°C, without taking into account damping of screens and diffusers,* ***we prefer to state what the customer will actually obtain in terms of actual output of the installed product****. Therefore, our data should be compared with the competitors' in a consistent way. The 5 year guarantee is for the light source only.*


Y
X
414 437 457 503 520 504 455 433 412
481 508 532 590 616 593 531 503 478
507 532 556 624 653 629 557 525 503
509 533 558 628 652 632 559 527 506
508 534 558 627 655 632 560 528 506
480 508 530 588 616 595 532 502 477
412 434 452 497 519 503 454 429 408
3.20 2.80 2.40 2.00 1.60 1.20 0.80 0.40 0.00
0.00 0.40 0.80 1.20 1.60 2.00 2.40 2.80 3.20 3.60 4.00 4.40
y x z


Y
X
500 600
3.20 2.80 2.40 2.00 1.60 1.20 0.80 0.40 0.00
0.00 0.40 0.80 1.20 1.60 2.00 2.40 2.80 3.20 3.60 4.00 4.40
y x z


Y
X
0 73 146 218 291 364 437 510 582 655
3.20 2.80 2.40 2.00 1.60 1.20 0.80 0.40 0.00
0.00 0.40 0.80 1.20 1.60 2.00 2.40 2.80 3.20 3.60 4.00 4.40
y x z

Estratto Norma UNI EN 12464-1 "Illuminazione dei posti di lavoro in interni" - *Extract from standard UNI EN 12464-1 "Lighting of workplaces"*

	Illuminamento medio ***Medium lighting*** **(LUX)**
ZONE DI CIRCOLAZIONE E SPAZI COMUNI ALL'INTERNO DI EDIFICI - *PASSAGEWAYS AND COMUNAL AREAS IN BUILDINGS*	**LUX**
Zone di circolazione e corridoi - *Passageways and corridors*	100
Scale, ascensori, tappeti mobili - *Stairs, lifts, moving carpets*	150
Rampe e binari di carico - *Ramps and loading tracks*	150
Mense - *Refectories*	200
Locali di riposo - *Rest areas*	100
Magazzini, zone di stoccaggio - *Warehouses and store rooms*	100
Zone di movimentazione, imballaggio, spedizione - *Handling, packaging and shipment areas*	300
UFFICI - *OFFICES*	
Archiviazione, copiatura, ecc. - *Archiving, copying, etc.*	300
Scrittura, dattilografia, lettura, elaborazione dati - *Writing, typing, reading and processing of data*	500
Disegno tecnico - *Technical design*	750
Postazioni CAD - *CAD stations*	500
Sale conferenze e riunioni - *Conference and meeting rooms*	500
Ricezione (reception) - *Receptions*	300
Archivi - *Archives*	200
VENDITA AL DETTAGLIO - *RETAIL SALE*	
Zone di vendita - *Sales areas*	300
Zona delle casse - *Boxing areas*	500
Tavolo di imballaggio - *Packing tables*	500
SPAZI COMUNI IN LUOGHI PUBBLICI - *COMUNAL AREAS IN PUBLIC PLACES*	
Ingressi - *Entry points*	100
Guardaroba - *Cloakrooms*	200
Sale d'attesa - *Waiting rooms*	200
Biglietteria - *Ticket offices*	300
RISTORANTI E HOTEL - *RESTAURANTS AND HOTELS*	
Accettazione, cassa, portineria - *Receptions, counters, porter's lodges*	300
Cucina - *Kitchens*	500
Ristoranti self-service - *Self-service restaurants*	200
Buffet - *Buffets*	300
Sale conferenze - *Conference rooms*	500
Corridoi - *Corridors*	100
TEATRI, SALE DI CONCERTO, CINEMA - *THEATRES, CONCERT HALLS, CINEMAS*	
Sale di prova, spogliatori - *Rehearsal rooms, changing rooms*	300
FIERE, PADIGLIONI ESPOSITIVI - *FAIRS, EXAHIBITION HALLS*	
Illuminazione generale - *General lighting*	300

	Illuminamento medio ***Medium lighting*** **(LUX)**
BIBLIOTECHE - *LIBRARIES*	
Scaffali - *Shelves*	200
Zona di lettura - *Reading areas*	500
Posti di servizio pubblico - *Public service areas*	500
PARCHEGGI PUBBLICI COPERTI - INDOOR PUBLIC CARPARKS	
Rampe di ingresso/uscita (durante il girono) - *Entrance/exit ramps (during the day)*	300
Rampe di ingresso/uscita (durante la notte) - *Entrance/exit ramps (during the night)*	75
Corsie di circolazione - *Lanes*	75
Zone di parcheggio - *Parking areas*	75
Biglietteria - *Ticket areas*	300
ASILI NIDO, SCUOLE MATERNE - *CRECHES AND NURSERY SCHOOLS*	
Aule giochi - *Playrooms*	300
Nido - *Nurseries*	300
Aule per lavoro manuale - *Rooms for activities*	300
LOCALI SCOLASTICI - SCHOOL PREMISES	
Aule scolastiche - School rooms	300
Aule per corsi serali e per adulti - Rooms for evening and adult education courses	500
Sale lettura - Reading rooms	500
Lavagna - Blackboards	500
Tavolo per dimostrazioni - Table for presentations	500
Aule per educazione artistica - Art rooms	500
Aule educazione artistica in scuole d'arte - Art rooms in art schools	750
Aule per disegno tecnico - Technical design rooms	750
Aule educazione tecnica e laboratori - Technical education rooms and workshops	500
Aule lavori artigianali - Craftwork rooms	500
Laboratorio di insegnamento - Teaching laboratories	500
Aule di pratica alla musica - Music practice rooms	300
Laboratori di informatica - Computer labs	300
Laboratori linguistici - Language labs	300
Aule di preparazione e officine - Preparation rooms and workshops	500
Ingressi - Entrance halls	200
Zone di circolazione, corridoi - Passageways, corridors	100
Scale - Stairs	150
Sale comuni per gli studenti e aula magna - Comunal areas for students and main hall	200
Sale professori - Staff rooms	300
Biblioteca: scaffali - Library: shelves	200
Biblioteca: zona lettura - Library: reading area	500

	Illuminamento medio ***Medium lighting*** **(LUX)**
Magazzini materiale didattico - Rooms for keeping teachiing material	100
Palazzetti, palestre, piscine (uso generale) - Small buildings, gymnasiums, swimming pools (for general use)	300
Mensa - Refector	200
Cucina - Kitchen	500
EDIFICI DI CURA - HOSPITALS AND CAREHOMES	
Sale d'attesa - *Waiting rooms*	200
Corridoi durante il giorno - *Corridors at day-time*	200
Corridoi durante la notte - *Corridors at night-time*	50
Ufficio per il personale - *Staff office*	500
Stanza per il personale - *Staff room*	300
Illuminazione generale, corsie, reparti - *General lighting, wards*	100
Illuminazione di lettura - *Reading lights*	300
Visita semplice - *Simpli visiting*	300
Visita e trattamento - *Visiting and treatment rooms*	1000
Luce notturna di sorveglianza - *Night-time surveillance lighting*	5
Locale pre-operatorio e risveglio - **Pre-operative and recovery room**	500
Sala operatoria - *Operating theatre*	1000
AEROPORTI - *AIRPORTS*	
Sale di arrivo e partenza, zone ritiro bagagli - *Arrival and departure halls, baggage collection areas*	200
Zone di collegamento, scale e tappeti mobili - **Connecting areas, stairs and moving belts**	150
Banchi informazioni, accettazione - **Information desks, reception desks**	500
Dogana e controllo passaporti - *Customs and passport control desks*	500
Sale attesa - *Waiting rooms*	200
Deposito bagagli - *Baggage deposit*	200
Zone di controllo sicurezza - *Safety control areas*	300
Torre di controllo traffico aereo - *Air traffic control towers*	500
Hangar per le riparazioni ed i controlli - *Repair and maintenance sheds*	500
STAZIONI - *STATIONS*	
Banchine e sottopassi passeggeri - *Platforms and subways for passengers*	50
Atrii e sportelli - *Halls and ticket windows*	200
Biglietteria, deposito bagagli, cassa - *Ticket offices, left luggage rooms, counters*	300
Sale attesa - Waiting rooms	200

Led, Led e ancora Led - *Led, led and more Led*

"Il mercato mondiale dei Led vedrà una forte espansione, guidata principalmente dagli sviluppi tecnologici, questi sviluppi renderanno possibile una più ampia applicazione nel campo dell'illuminazione e saranno ulteriormente rafforzati dalle misure adottate dalle autorità per sostenere i sistemi di illuminazione efficienti dal punto di vista energetico.

Allo stesso tempo, i fornitori a livello globale stanno lavorando per aumentare la qualità delle lampade a Led, migliorandone l'efficienza, la qualità della luce emessa, la resa di colore e la gestione termica".

Questa la dichiarazione di Neetha Jayanth, analista di Frost & Sullivan, società globale di consulenza per lo sviluppo economico di impresa, che ha condotto a livello europeo l'analisi intitolata "World Led lighting market", in Italia si è assistito a una crescita immediata del mercato dell'illuminazione a Led tanto che molto presto potrebbe trasformarsi in un autentico "boom", con l'estensione delle lampade ai settori residenziale e di strutture di ospitalità.

Attualmente il nostro paese controlla il 16,3% del mercato europeo, per un totale di 12,8 milioni di euro.

L'Europa, con una domanda crescente alimentata dalle politiche favorevoli all'illuminazione a risparmio energetico, rappresenta il secondo mercato a livello globale, attestandosi a quota 78,4 milioni di euro. Germania, Regno Unito e Francia seguono l'Italia in testa.

Il mercato globale della tecnologia Led ha generato un volume d'affari per 343,3 milioni di euro nel 2010 e stima che questa cifra raggiungerà quota 1.325 milioni di euro nel 2017.

Da una iniziale penetrazione del mercato dell'illuminotecnica pari al 3%, i diodi a emissione luminosa (LED) diventeranno la tecnologia dominante per l'illuminazione nel futuro.

"The world LED market will expand strongly, driven largely by improvements in technology. Such advances will enable their (LEDs) wider application in illumination and will be further reinforced by measures adopted by authorities to support energy efficient lighting.

Simultaneously, suppliers across the globe are undertaking to improve the quality of LED lamps by enhancing their efficiency, quality of light output, color rendition and thermal management."

This is the opinion of Frost & Sullivan Senior Research Analyst Neetha Jayanth. Frost & Sullivan global consultants, whose mission is to research and analyse new market opportunities for corporate growth, have published a report entitled "World LED Lighting Market", focusing on Europe. In Italy the LED market has grown very strongly in a very short time. This means that LEDs could soon be the dominant lighting technology with increased application indoors, i.e residential and hospitality sector accommodation.

Italy currently has a 16.3% European market share, whose value is around €12.8 million.

Demand for energy-efficient lighting is growing in Europe, (driven by measures which impose minimum efficiency criteria) and it now constitutes the second largest market in world, earning revenues of €78.4 million. Germany, the UK and France follow Italy, which is the market leader.

The global LED market earned revenues of €343.3 million in 2010 and it is hoped that this figure will rise to €1.325 billion in 2017.

From an initial lighting market share of 3%, light-emitting diodes (LEDs) will become the dominant lighting technology of the future.

Perchè il LED? *Why choose LEDs?*

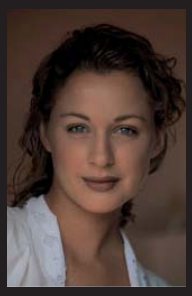
Gli installatori normalmente preferiscono il Led per durata e risparmio, ma sono restii alla sostituzione delle lampade tradizionali con sorgenti luminose Led, poichè erroneamente pensano che il Led non abbia ancora sufficiente flusso luminoso, diffidando della qualità della luce, ad esempio è ancora poco utilizzato per illuminare oggetti quali indumenti, calzature, alimenti ed in qualsiasi altra situazione dove il colore debba essere messo in risalto anche da grande distanza.

Invece, i vantaggi del LED sono oramai consolidati, il risparmio e la lunga durata, si pensi alle 25.000 ore contro le 1.000/2.000 ore delle sorgenti tradizionali, e l' assenza di manutenzione, il Led è indispensabile nel Retail nel Food o nella Grande Distribuzione laddove sia necessario avere un'accentuazione della gamma di colore percepito dall'occhio umano per rendere più vivaci e appetibili i prodotti, oltre all'aspetto puramente estetico e "high tech" di questa nuova sorgente luminosa, il LED è la nuova generazione e sarà sempre più presente nella nostra vita e nel futuro.

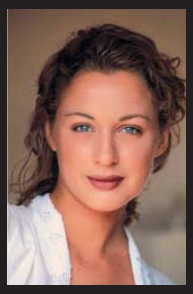
Light fitters normally prefer LED lamps for their long-life and energy saving potential, yet they are reluctant to replace traditional lamps with LED light sources as they erroneously believe that the latter still lack sufficient luminous flux, while they are also sceptical as to their light quality; for instance, LEDs are still rather uncommon for illuminating items such as clothing, shoes and foodstuffs or whenever colour must be enhanced, even from afar.

In actual fact, besides the advantages stemming from their long life – some 25,000 hours against the standard 1,000/2,000 hours of traditional lamps – and absence of maintenance, LED lamps are indispensable in the Retail, Food or even Large-Scale Retail sectors, where it is necessary to enhance the colour range perceived by the human eye in order to render products more lively and attractive. As well as the aesthetic and "hi-tech" benefits, the new generation of LEDs is here to stay!

La resa Cromatica *Colour Rendering*

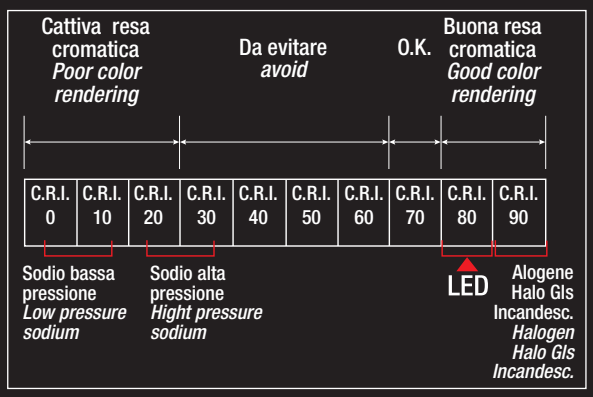


3000k - C.R.I 52
Bianco caldo
Warm White



3000k - C.R.I 82
Bianco caldo
Warm White

6000k - C.R.I 82
Bianco freddo
Cold White



L'indice di resa cromatica (IRC o Ra), oppure in inglese Color Rendering Index (CRI), di una sorgente luminosa è una misura di quanto naturali appaiano i colori degli oggetti da essa illuminati a seconda della temperatura colore della sorgente (esempio a lato).

Questo parametro, oggi indispensabile per il mercato del Lighting, indica la fedeltà della resa del colore dell'oggetto illuminato. Le lampade con CRI massimo CRI = 100 sono tipicamente quelle a filamento (alogene o incandescenti), ma a causa della loro bassa efficienza e breve durata non sono ecologiche.

Contrariamente a quanto si pensi le sorgenti Led hanno raggiunto CRI elevati con valori attorno a 80/85 e grazie al continuo sviluppo tecnologico delle sorgenti luminose a Led, queste possono essere utilizzate anche per l'illuminazione di grandi ambienti.

C.R.I. Color Rendering Index The Colour Rendering Index (CRI) of a light source indicates the extent to which colours of illuminated objects appear natural. This depends on the colour temperature of the source (example at the side). A now indispensable attribute in the lighting market, this parameter defines the degree of fidelity of an illuminated object's colour. Lamps with the highest CRI rating (CRI = 100) are typically filament-based lamps (halogen or incandescent lamps), but are not ecological due to their low efficiency and short life. Contrary to popular opinion, LED light sources have attained high CRI values close to 80/85. Thanks to the constant technological evolution of LED light sources, the latter can also be used for illuminating large environments.

Comparazione

Comparison

L'ottima resa cromatica del LED mette in evidenza tutti i colori della gamma risaltando naturalezza e qualità dei prodotti, solo una qualità cromatica eccellente convincerà il cliente all'acquisto mettendolo a proprio agio come se fosse in un mercato all'aperto con una luce naturale e non artefatta.

Esempio comparato di come vengono resi i colori in un area espositiva, utilizzando una sorgente tradizionale e utilizzando il LED.

The excellent colour rendering of LEDs makes all colours of the spectrum really stand out, highlighting the natural characteristics and the quality of products. Colour quality is the only way to entice the customer to buy by making them feel at ease, as if they were in an open-air market or in the high street with natural, not artificial, light.

The examples below compare the colour rendering of a traditional source against a LED light source in a display area.

Illuminazione tradizionale - traditional lighting

Illuminazione a LED - led lighting

Sorgenti a confronto? *Light source comparison*

I diagrammi sotto riportati dimostrano come lo spettro di luce emessa dalle sorgenti Led sia più completo e sveli all'occhio umano una maggiore gamma di colori rispetto alle sorgenti tradizionali che accentuano la fascia di colori caldi o i colori freddi a secondo della tipologia di lampada utilizzata, in definitiva il Led è un ottimo compromesso in sostituzione sia delle sorgenti alogene o fluorescenti con delle ottime performance.

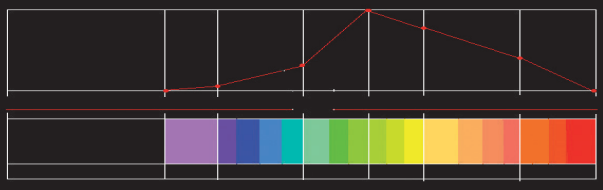
The diagrams below reveal the greater completeness of the light spectrum emitted by LED sources, which reveal a broader colour range to the human eye compared to traditional sources that enhance warmer or cooler colours depending on the type of lamp used. Ultimately, LED technology offers an ideal alternative to both halogen and fluorescent light sources combined with excellent performance levels.

Spettro di emissione del sole
The sun's emission spectrum

Lo spettro di emissione del sole rende tutta la gamma del visibile in modo ottimale.

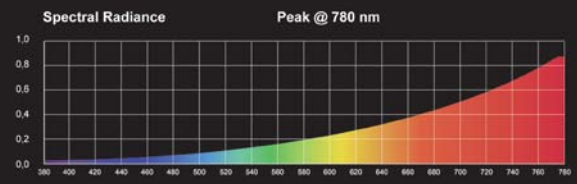
The sun's emission spectrum optimises our entire range of vision.

Lunghezza d'onda della luce
Light wavelength



Porzione dello spettro elettromagnetico visibile dall'occhio umano, approssimativamente compresa tra 400 e 700 nanometri di lunghezza d'onda, ovvero tra 750 e 430 THz di frequenza.
Wavelength is defined as the part of the electromagnetic spectrum that is visible to the human eye, typically between 400 and 700 nanometers (or, in terms of frequency, between 430 and 750 terahertz).

Spettro di emissione Lampada Alogena
Emission spectrum of halogen lamps

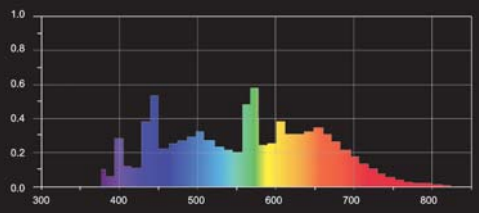


La lampada Alogena, seppur classificata a valore 100 come CRI, rende benissimo sulla gamma dei rossi-arancioni, ma è scadente sui blu e sui verdi.

Non adatta in ambienti dove si renda necessario accentuare questo range di colore, si pensi ai reparti alimentari verdura o negozi di maglieria.

Despite the fact that halogen lamps have a CRI rating of 100, they do render the red-orange colour range very well. However, this is not the case with blue-green colours.
As a result, they are not appropriate for lighting areas such as the vegetable department in supermarkets or general clothes stores.

Spettro di emissione Lampada Fluorescente
Emission spectrum of a Fluorescent Lamp



La lampada Fluorescente ha un buon rendimento della gamma blu e verdi, ma non molto sulla gamma dei colori rossi e gialli.

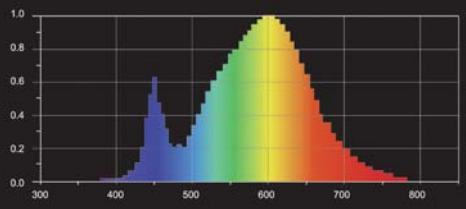
Non adatta in ambienti dove si renda necessario accentuare questo range di colore, si pensi ai reparti alimentari frutta o negozi di abbigliamento in genere.

Fluorescent lamps reproduce blue-green colours very well, but not red-yellow colours.

As a result, they are not appropriate for lighting areas such as the fruit department in supermarkets or general clothes stores.

Spettro di emissione Lampada Led

Emission spectrum of a Led Lamp



La lampada Led ha un buon rendimento su tutta la gamma, con una leggera flessione nella zona viola/azzurro intorno ai 480-490 nm (nanometri).

Nell'insieme comunque questa sorgente luminosa copre l'intera gamma dei colori visibili all'occhio umano ed è un'ottimo compromesso tra tutte le sorgenti di vecchia generazione.

LED lamps render all the colours of the spectrum very well, except for a slight dip in the blue/purple area around 480-490 nanometers (nm).
Overall, this light source covers the entire spectrum of colours visible to the human eye and represents a high-performance compromise between the various traditional light sources.

Il LED vince!

So, the LED is the winner!

Possiamo quindi dire che il comportamento del LED (in questo caso un P4 SSC con CRI di 93), si comporta bene per ottenere lo stesso risultato, bisognerebbe mixare alogene e fluorescenti.
Consigliamo quindi, per dati relativi al C.R.I., di tenere conto in modo relativo dei dati riportati sui cataloghi dei produttori di lampadine tradizionali, in quanto i sistemi di rilevamento non danno parametri in riferimento al colore rispetto alla luce solare. Il Gruppo Relco, consiglia quindi di eseguire insieme ai propri clienti, prove congiunte di resa dei colori, comparate tra LED, sorgenti tradizionali e luce solare.

To summarise, a mixture of halogen and fluorescent lamps would be need to match the performance of an LED (in this case a SSC P4 with a CRI of 93).

We therefore recommend that the information often given in the catalogues of traditional lamp producers be taken into consideration relative to LED data (in terms of CRI). This is because the systems used to determine this information do not use parameters regarding colour in comparison with sunlight. The Relco Group also recommends that comparative tests be carried out in collaboration with the customer using a mixture of LEDs, traditional artificial light sources and natural sunlight.

Legenda composizione lampada - *List of the lamp's components*

S+L	Corpo apparecchio + lampada *Lighting fitting + lamp*
CELL	corpo apparecchio + alimentazione elettronica + lampada *lighting fitting + electronic gear + lamp*
CEL-EML	corpo apparecchio + alimentazione elettronica + Kit emergenza SA + lampada *lighting fitting + electronic gear + Emergency kit SA + lamp*

Legenda simboli - *Symbols legend*

colour	Colore apparecchio - *Colour*
W	Watt - *Watt*
K	Temperatura di colore gradi Kelvin - *Colour temperature Kelvin degrees*
nm	Lunghezza d'onda in nanometri - *Wavelenght in nano-meters*
mA	Corrente elettrica in Milliampere - *current in milliamperes*
pcs	Quantità minima ordinabile - *Minimum quantity to be ordered*
Kg	Peso netto in Kg del prodotto - *Net product weight in Kg*
pcs/pal	Pezzi per pallet - *Pieces per pallet*
time/flux	Autonomia/flusso - *Duration/flux*
Lm	Lumen - *Lumen*
A	Ampere - *Ampere*
Hz	Frequenza - Frequency
V	Volt - *Volt*
3Wx9LED	Numero LED - *Numbers of LED*
B	Colore LED - *Colour LED*
F	Apparecchio che può essere installato su superfici normalmente infiammabili - *Devices that can be installed on flammable surfaces*
M M	Apparecchio idoneo all'installazione su mobili - *Device suitable for installation on furniture*
	Orientabile - *Adjustable*
	Dotato di vetro di protezione temperato - *Equipped with tempered protection glass*
4k	a richiesta temperatura di colore 4000°K - on request color temperature 4000°K
0÷10V	Con possibilità di regolazione dell'intensità luminosa (a richiesta) - *Dimmable (on request)*
5	La garanzia di 5 anni si riferisce alla sola sorgente luminosa - *The 5 year guarantee is for the light source only*

Omologazioni-*Approvals*

CE	Tutti i prodotti sono in conformità alle norme EN60598-1 *All products comply with EN60598-1 standards*
EN	Marchio unificato Europeo *European standardised mark*

Conformità direttive Europee-*Compliance with European Directives*

Tutti i prodotti sono conformi alla direttiva di ecocompatibilità 2009/125/CE e del suo regolamento di attuazione (UE) n° 1194/2012.

All products are complying with Directive 2009/125/EC of environmental friendliness and its Implementing Regulation (EU) No. 1194/2012.

Colori - *Colours*

A*	Alluminio - *Aluminum*	S	Silver - *Silver*
B	Bianco - *White*	C*	Cromo - *Chrome*
G	Grigio - *Grey*	O*	Oro - *Gold*
N	Nero - *Black*		

Sommario - *Summary*

Incassi - Sistemi tecnici
Recessed - Technical systems

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LED Zante Q
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LED Syros Q
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LED Syros R
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LED Effect
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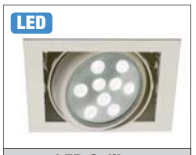
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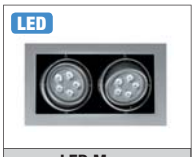
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Incassi - Sistemi tecnici
Recessed - Technical systems

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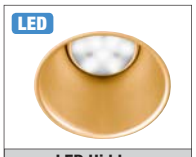
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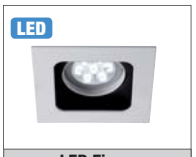
LED Firma
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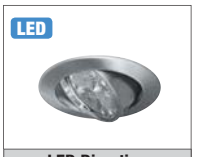
Incassi tecnico decorativi
Recessed technical and decorative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Decorative floodlights

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Outdoor lighting for industrial and residential areas

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LED Life IP44

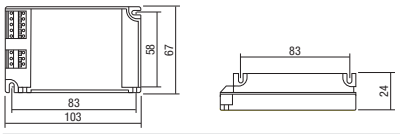
LEDlight

LED Life IP44 è un incasso ideale per qualsiasi ambiente interno dove è necessario un grado aumentato di protezione e una illuminazione diffusa senza abbagliamento. Si presta maggiormente per ambienti umidi come cucine, bagni o esterni coperti.
Un apparecchio semplice sia a base tonda che quadrata con cornice bianca e diffusore plastico ideale per la sostituzione di apparecchi con sorgenti fluorescenti compatte da 2x13W, 2x18W e 2x26W oppure di apparecchi che utilizzino sorgenti a ioduri da 20W, 35W o 70W.
Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono la linea LED Life IP44 ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 45% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.
LED Life illumina la tua vita.
Può essere applicato a: incasso
Materiali: Corpo alluminio pressofuso. Cornice in alluminio verniciato a polvere.
Schermo: diffusore in lastra di tecnopolimero satinato.
Sorgente: 3x9 LED CREE 27w (700mA), 14w (500mA), 10w (350mA)
Colori: Disponibile nei colori verniciati bianco RAL 9010
Alimentazione: non inclusa.
A richiesta alimentatore dimmerabile con pulsante n/a o con interfaccia 1-10vdc. (non fornito).

LED Life IP44 is ideally flush mounted for any indoor environment where you need an increased degree of protection and diffused illumination without glare. It lends itself better to humid areas like kitchens, bathrooms and covered outdoor spaces.
A simple device with a round or square base with a white frame and plastic diffuser, ideal for replacing fixtures with 2x13W, 2x18W and 2x26W compact fluorescent light sources or devices that use 20W, 35W or 70W iodide light sources.
The very low energy consumption and a lifetime of over 30,000 hours make the LED Life IP44 line ideal for lighting without excessive consumption. It is possible to save about 45% of energy, also doing away with maintenance costs and thus saving even more.
LED Life illuminates your life.
***Can be installed:** flush mounted*
***Materials:** die-cast aluminium body.*
Frame made of powder coated aluminium.
***Screen:** diffuser made of satin-finish technopolymer sheet.*
***Source:** 3x9 LED CREE 27w (700mA), 14w (500mA), 10W (350mA)*
***Colours:** Available in colours painted white RAL 9010*
***Power supply:** not included.*
Dimmable power supply on request with n/a push button or 1-10Vdc interface (not supplied).

Accessori - *Accessories*

JOLLY POWERMINILED DIM 35 - 35W



0÷10V IP20 Multipower PFC EMC 300MHz
equiv. SELV DIM Push DIM 0-10 RoHS compliance CE F M M 110

Art.		W	V	Hz	Vout	mA	ta °C	tc °C	λ	LxPxH (mm)	Code	Euro cad.
JOLLY POWERMINILED DIM 35 Pending	POWERLED CDT	15	220-240	50÷60	45 dc	350	-20...40	75	0,94	103x67x24	PTDCMD/35	33,54
		22	220-240	50÷60	45 dc	500	-20...40	75	0,94			
		28	220-240	50÷60	50 dc	700	-20...40	75	0,94			

+ RN1300 DALI

Morsetti di entrata e uscita sullo stesso lato
Input and output terminal block on the same side

Apparecchio per uso indipendente
Independent driver

Fornito di dip switch per la selezione della corrente in uscita
Equipped with dip switch for selecting the current output

JOLLY Omega

Articolo Article	V	Hz	Max. load			Codice Code	Euro cad.
JOLLY omega interfaccia analogica 1÷10 Vdc ***1÷10 Vdc analogic interface***	230÷240	50	15 ballast	0...+35	1	RM0485	104,73

Possibilità di regolare l'intensità luminosa con iterfaccia analogica.

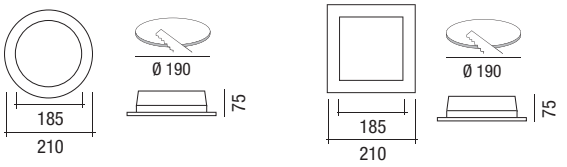
- Alimentazione: 230Vac - 50Hz.
- Uscita morsetti 7 - 8: Tensione regolabile 0÷10Vcc.
- Portata massima uscita: 30mA.
- Portata massima morsetti C1 - C2: 5A.
- Ingombro: 4 moduli DIN.
- Comando a pulsante (non fornito).

Ability to adjust the light intensity with analogic interface.

- *Power supply: 230Vac - 50Hz.*
- *Terminals output 7 - 8: adjustable voltage 0÷10Vcc.*
- *Maximum output power: 30mA.*
- *Maximum terminals power C1 - C2: 5A.*
- *Overall size: 4 DIN modules.*
- *Push button control (not supplied).*

230V 50Hz IK07 IP44

LED Life R IP44



LED Life R

LED Life Q

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> 30.000 h		10.000 h	10.000 h
10W LED	≈	2x13W	20W G12

> 30.000 h		10.000 h	10.000 h
14W LED	≈	2x18W	35W G12

> 30.000 h		10.000 h	10.000 h
27W LED	≈	2x26W	70W G12

ATTENZIONE: Per mantenere il grado di protezione IP44 dell'apparecchio completo è importante che il Connettore ed il Driver abbiano un grado protezione maggiore o uguale a IP44

CAUTION: To maintain the IP44 protection degree of the complete equipment is important that the connector and the driver have a degree of protection greater than or equal to IP44

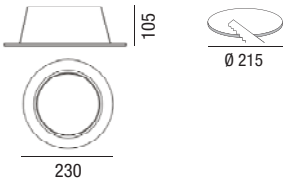
colour	W	mA		lm	K	pcs	Kg	S+L	Euro cad.
B	10	350	B 3Wx9 LED	730	3000	001	0.57	24363	70,00
	14	500		1014					
	27	700		1360					
B	10	350	B 3Wx9 LED	730	4000	001	0.57	24365	70,00
	14	500		1014					
	27	700		1360					
G	10	350	B 3Wx9 LED	730	3000	001	0.57	24381	70,00
	14	500		1014					
	27	700		1360					
G	10	350	B 3Wx9 LED	730	4000	001	0.57	24383	70,00
	14	500		1014					
	27	700		1360					

LED Life Q IP44

colour	W	mA		lm	K	pcs	Kg	S+L	Euro cad.
B	10	350	B 3Wx9 LED	730	3000	001	0.57	24393	70,00
	14	500		1014					
	27	700		1360					
B	10	350	B 3Wx9 LED	730	4000	001	0.57	24395	70,00
	14	500		1014					
	27	700		1360					
G	10	350	B 3Wx9 LED	730	3000	001	0.57	24397	70,00
	14	500		1014					
	27	700		1360					
G	10	350	B 3Wx9 LED	730	4000	001	0.57	24399	70,00
	14	500		1014					
	27	700		1360					

IK07 IP20

LED Life 30



> 30.000 h		10.000 h
30W LED	≈	2x26W

colour	W	mA		lm	K	pcs	Kg	S+L	Euro cad.
B	30	700	B 1 LED MULTICHIP	2300	3000	001	2.80	24355/30	85,00
B	30	700	B 1 LED MULTICHIP	2300	4000	001	2.80	24357/30	85,00
B	30	700	B 1 LED MULTICHIP	2530	6000	001	2.80	24356/30	85,00

LED Zante Q

Plafoniera per ambienti dove è necessaria luce senza un particolare controllo del flusso luminoso:
ambienti comuni, corridoi, scale, laboratori, sale riunioni, negozi, ecc. Adatta per controsoffitti con struttura in vista (montaggio in appoggio).
Lo schermo opale da alla lampada una luce omogenea di gradevole effetto sia estetico che funzionale. L'accessorio Zante LED EMER consente il funzionamento in emergenza con un flusso del 35% per 1 ora.
Led di potenza adatti per musei, negozi, esposizioni. Nessuna emissione di UV o infrarossi (non scoloriscono o scaldano gli oggetti, quadri etc..)
Zante LED è l'unica plafoniera con tecnologia LED in grado di consumare il 70% in meno di una classica plafoniera 4x18W o 2x58W fornendo però la stessa uniformità e quasi lo stesso valore di illuminamento.
Dopo qualche anno i tubi fluorescenti perdono luminosità (anche fino al 20%); con i LED il problema non si pone, la luminosità resta costante anche dopo anni.
Accessori a richiesta:
- Telaio per installazione su controsoffitti in cartongesso.
- Cassaforma per installazione a soffitto.

Installazione: montaggio in appoggio sulla struttura a "T" del controsoffitto
Corpo: alluminio estruso satinato
Ottica: composta da lastra in tecnopolimero di spessore 8mm
Diffusore: lastra in tecnopolimero opale spessore 3mm
Alimentazione elettronica esclusa.
É necessario ordinare separatamente l'alimentatore, uno per ogni plafoniera ZANTE LED (vedere tabella alimentatori nella pagina a lato)

Ceiling light for places requiring no particular light control:
normal rooms, corridors, stairways, laboratories, meeting rooms, shops, etc. Suitable for false ceilings with exposed structure (lay-in installation).
The opal screen provides an evenly distributed light that is both functional and pleasant to the eye. The Zante LED EMER ensures emergency operation for 1 hour at 35% the normal capacity.
Power led suitables for museum, show rooms, exposure. No UV or irradiation in the beam (objects are not discoloured or heated)
Zante LED is the only LED ceiling light that consumes 70% less than a classic 4x18W or 2x58W ceiling light while providing the same even lighting and almost the same illuminance.
Fluorescent tubes lose their luminosity after a few years (by up to 20%); LED lights however do not have this problem and can retain constant luminosity for many years.
Optional accessories:
- *Frame for mounting on plasterboard false ceilings.*
- *Coffer for ceiling/wall installation.*

Powerled suitables for museums, show rooms, exposures. No UV or irradiation in the beam (object are not discoloured or heated)
Installation: *lay-in installation on T-beams of false ceiling*
Body: *satin-finished extruded aluminium*
Optics: *8 mm engineering plastic sheet*
Diffuser: *3 mm opal engineering plastic sheet*
Electronic ballast not included.
You need to place a separate order for power supplies, one is required for each ZANTE LED (see power supply table in the opposite page)

Accessori non inclusi - *Accessories not included*

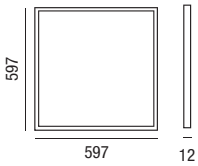
Cod. 000101
Telaio per controsoffitti in cartongesso, dimensioni esterne:
Frame for plasterboard false ceilings external dimensions:
625 x 625 x H98 (mm)

Cod. 000102
Cassaforma per installazione a soffitto, dimensioni esterne:
Coffer for ceiling/wall installation external dimensions:
600 x 600 x H85 (mm)

DIMMABILE A RICHIESTA
DIMMABLE ON REQUEST

IK08 IP40

LED Zante Q



LED ZANTE Q 40W (20W)

> 30.000 h 40W LED ≈ 15.000 h 4x18W

Pag. 18

colour	W	Vdc	mA		lm	K	pcs	Kg	S + L	Euro cad.
S	40	24	1400	B LED	3080*	3000	001	6.00	25932	200,00
S	40	24	1400	B LED	3360*	6000	001	6.00	25931	200,00
S	40	24	1400	B LED	3480*	4000	001	6.00	25930	200,00

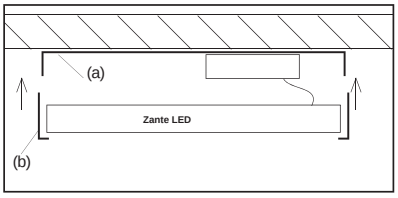
A richiesta LED ZANTE Q con potenza 20W - *Upon request 20W LED ZANTE Q version*

* Valori in **lm** riferiti al valore nominale del costruttore del LED
*Values in **lm** are referred to the nominal value of the manufacturer of the LED*

INSTALLAZIONE A SOFFITTO O PARETE - *CEILING OR WALL INSTALLATION*

con accessorio cod. 000102
Cassaforma per installazione a soffitto o parete (non incassata). Questo accessorio consente di montare Zante LED Q direttamente a soffitto/parete. La cassaforma è composta da una piastra metallica (a) e da un telaio (b). La piastra metallica dovrà essere fissata a soffitto/parete e su questa andrà montato l'alimentatore e l'eventuale kit emergenza. Zante LED Q verrà quindi appoggiato al telaio metallico che si andrà a fissare alla piastra mediante 4 viti.

with accessory Ref. 000102
Coffer for ceiling or wall installation (not recessed). This accessory makes it possible to install the Zante LED Q directly on a ceiling/wall. The coffer consists in a metal plate (a) and a frame (b). Install the metal plate on the ceiling/wall and mount the ballast on the metal plate. Lay the Zante LED Q on the metal frame and fasten the frame to the plate with 4 screws



Alimentatore accessorio non incluso- *Power supply accessories not included*

equiv. SELV

Alimentatori per il modello LED ZANTE Q 40W - *LED ZANTE Q 40W Power Supply*

IP20
Alimentatore con PFC
Power Supply with PFC

IP20
Alimentatore Dimmerabile 0÷10V.
0÷10V. Dimmable Power Supply

W	Alimentatore/Power supply	IP	Vac	W min	Vout				Cod.	Euro cad.
40	ALIM. POWERLED-CDT	**20**	100÷240	9	38 dc	71,5	157	34	PTDCC/40/Z	48,30
70	JOLLY POWERLED DIM 70	**20**	220÷240	65	50 dc	46	185	38	RN9166	115,50

+ RN1300 DALI

Accessori - *Accessories*

Cod. 25914
per versione 40W - *for 40W version*

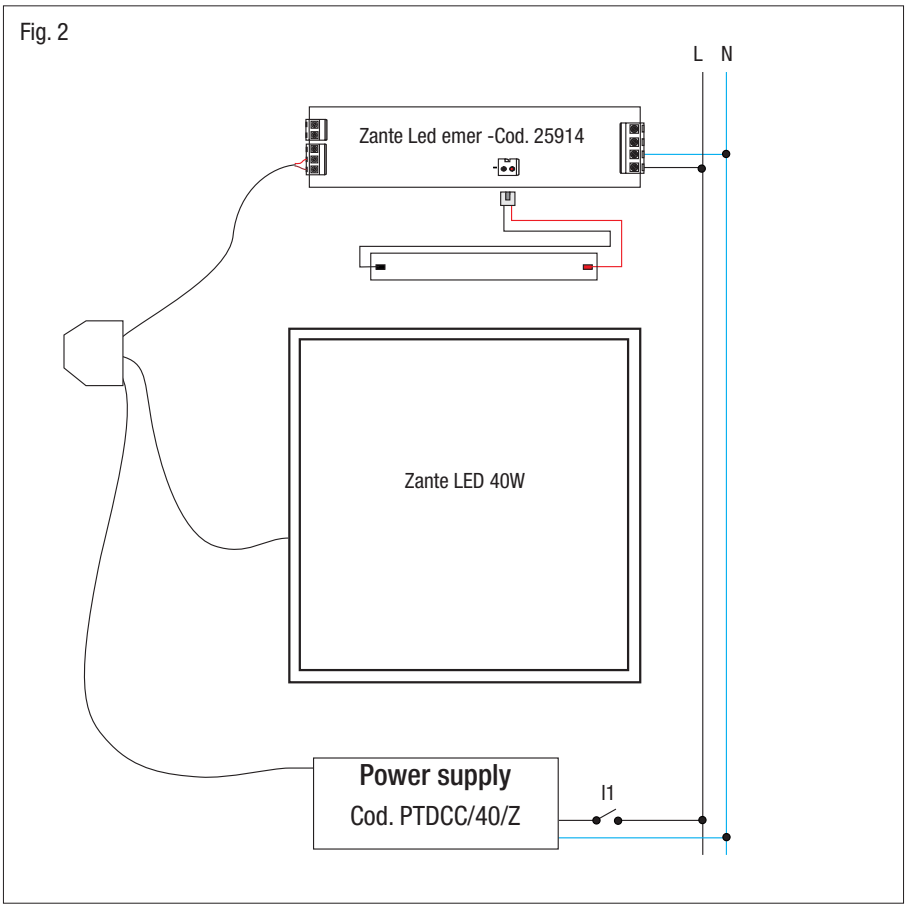
Kit emergenza 15W - 1h/17% 180÷250 Vac

180÷250 Vac - 1h/17% - 15W emergency kit

Per funzionamento in emergenza utilizzare Zante LED EMER codice 25914, che fornisce un'autonomia di 1h con flusso 17% dopo 16h di carica, assieme all'alimentatore esterno Cod. PTDCC401000Z o Cod.RN9166 (dimmerabile).

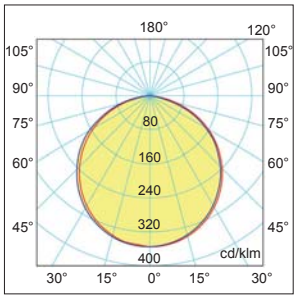
For emergency operation, use the Zante LED EMER Code 25914, which provides 1 hour of operation at 17% the normal capacity after 16 hours of charging, together with the external ballast Code PTDCC401000Z or Cod. RN9166 (dimmable).

Fig. 2



Dati fotometrici - *Photometric data*

Zante Led Q - 40W - LED



3000K

		Emax
Ø 2.80 m	1 m	1020 lux
Ø 5.70 m	2 m	250 lux
Ø 8.60 m	3 m	110 lux

4000K

		Emax
Ø 2.80 m	1 m	1029 lux
Ø 5.70 m	2 m	257 lux
Ø 8.60 m	3 m	114 lux

6000K

		Emax
Ø 2.80 m	1 m	1090 lux
Ø 5.70 m	2 m	276 lux
Ø 8.60 m	3 m	120 lux

Referenze/*Reference*: Euronics Broni (PV)

LED SYROS

Serie di plafoniere a LED per utilizzo a plafone, per aree comuni, corridoi, scale, laboratori, sale riunioni, negozi, ecc. Adatte per controsoffitti a vista (installazione a incasso **LED Syros R** quadrata "Q", o rettangolare "R"; installazione esterna **LED Syros C** quadrata "Q" o rettangolare "R"), disponibili con grado IP20 oppure in IP65.
Luci a LED adatte per musei, negozi e mostre: non emettono raggi UV né infrarossi, non si surriscaldano né scoloriscono oggetti, dipinti, ecc.
LED Syros con tecnologia a LED capace di ridurre del 50% il consumo di energia rispetto a una lampada da soffitto tradizionale da 4x18W, pur fornendo lo stesso grado di illuminazione e uniformità.
Dopo qualche anno, i tubi fluorescenti perdono luminosità (anche fino al 20% in meno) ma con le luci a LED questo non è più un problema. I livelli di brillantezza, infatti, rimangono gli stessi anche dopo diversi anni.
Corpo: lamiera d'acciaio galvanizzato e verniciato a forno con resina di poliestere bianca
Ottica: doppi fori su parabola in alluminio 99,85, speculare, antiriflesso e antiridescente, schermo bianco diffondente in Policarbonato opalino (per versione "Opal").
Su richiesta: colore 3000K, 6000K e versione con illuminazione di emergenza.

Disponibile anche per mercato tedesco, Syros Q ad incasso con parabola in alluminio o opale, con dimensioni 625x625.

CONFORME ALLA NORMA: EN62471: 2008, sicurezza fotobiologica delle lampade e dei sistemi di lampade.

*CRange of LED ceiling fixtures for communal areas, corridors, staircases, laboratories, meeting rooms, shops, etc. Suitable for exposed false ceilings (recessed installation **LED Syros R** square "Q", or rectangular "R"; external installation **LED Syros C** square "Q" or rectangular "R"), available with IP20 or IP65 protection degree.*
LED lights suitable for museums, shops and exhibitions: no UV or infrared rays are emitted. They do not overheat or cause discolouring in objects, paintings etc.
LED Syros with LED technology can reduce energy consumption by 50% compared to a traditional 4x18W ceiling lamp, yet provides the same degree of lighting and consistency. After a few years, fluorescent tubes lose brightness (up to 20%) but with LED lights this is no longer a problem. Brightness levels, in fact, remain the same even after several years.
***Body:** galvanised steel plate, bake painted with white polyester resin*
***Optics:** double holes on 99.85 aluminium reflector, specular, anti-glare and anti-iridescence, opal polycarbonate white diffuser screen (for the "Opal" version).*
***On demand:** 3000K colour and emergency lighting version.*

Available also for the German market, recessed Syros Q with aluminium or opal reflector, dimensions 625x625.

***ACCORDING TO STANDARD:** EN62471: 2008, photobiological safety of lamps and lamp systems.*

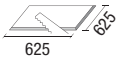
Accessori non inclusi - *Accessories not included*

Cod. 000116
"Kit staffe da incasso" per installazione in controsoffitti in cartongesso

"Recessed bracket kit" for installation in cardboard false ceiling

Cod. 000101
Telaio per controsoffitti in cartongesso, dimensioni esterne.
Frame for plasterboard false ceilings external dimensions.
625 x 625 x H98 (mm)

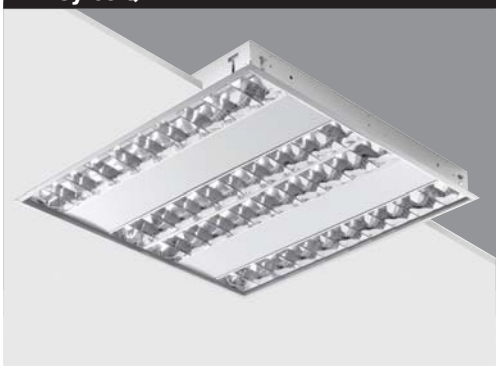
Cod. 000119
Per modello mercato tedesco, dimensioni esterne.
German market models external dimensions.
655 x 655 x H98 (mm)

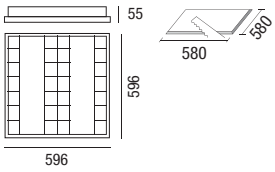


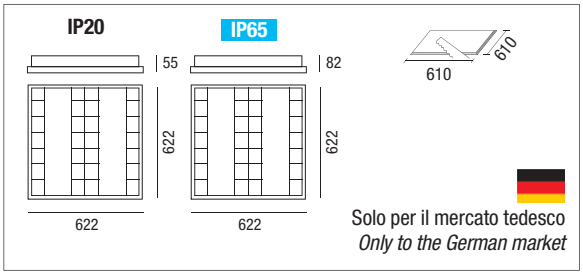
DIMMABILE A RICHIESTA
DIMMABLE ON REQUEST

50/60Hz IK07 IP20

LED Syros QR

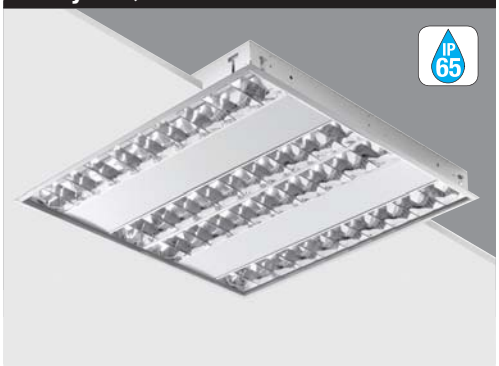






Pag. 22 | > 30.000 h ≈ 15.000 h | 40W LED ≈ 4x18W

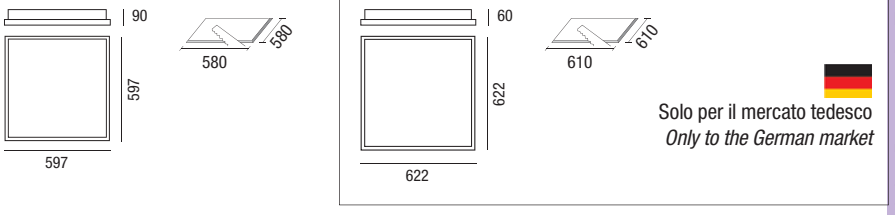
LED Syros QR IP65



colour	W	IP	Vac		Im	K	pcs/ pallets	Kg	S+L	Euro cad.
B	40	**20**	220-240	B LED	3150	4000	60	3.00	25933	183,50
B	40	**65**	220-240	B LED	2980	4000	60	5.50	25935	261,76

colour		W	IP	Vac		Im	K	pcs/ pallets	Kg	S+L	Euro cad.
B		40	**20**	220-240	B LED	3150	4000	60	3.50	25958	219,00
B		40	**65**	220-240	B LED	2980	4000	60	5.50	25959	281,11

LED Syros QR Opal



Pag. 22 | > 30.000 h ≈ 15.000 h | 40W LED ≈ 4x18W

colour	W	IP	Vac		Im	K	pcs/ pallets	Kg	S+L	Euro cad.
B	40	**40**	220-240	B LED	2950	3000	60	3.00	26011	192,50
B	40	**40**	220-240	B LED	2950	4000	60	3.00	26010	192,50
B	40	**40**	220-240	B LED	2950	6000	60	3.00	26012	192,50
B	40	**40**	220-240	B LED	2950	4000	60	3.50	25960	208,40

A richiesta LED ZANTE Q con potenza 20W - *Upon request 20W LED ZANTE Q version*

Alimentatore accessorio non incluso- *Power supply accessories not included*

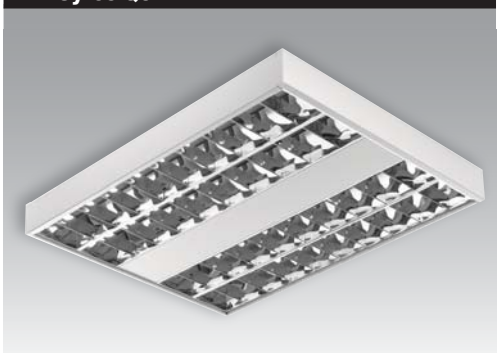
equiv. SELV

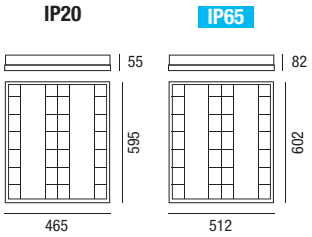
	W	Alimentatore Power supply	IP	Vac	W min	Vout				Cod.	Euro cad.
IP20 **Alimentatore con PFC** *Power Supply with PFC*	42	ALIM. MINILED-VDT	**20**	220÷240	13	24	71,5	157	34	RN1432	26,25
	40	ALIM. POWERLED-CDT	**20**	100÷240	9	38 dc	71,5	157	34	PTDCC/40/Z	48,304
		per versione **LED Syros QR Opal** - *Only for **LED Syros QR Opal** version*									
IP20 **Alimentatore Dimmerabile 0÷10V.** *0÷10V. Dimmable Power Supply*	42	ALIM. DIM. MINILED-VDT	**20**	220÷240	13	24	71,5	157	34	PTDCD40S10B	33,382
IP65 **Alimentatore con PFC** *Power Supply with PFC*	75	MINILED DC 24V 75W LED	**65**	220÷240	13	24	252	44	33	24371	61,597

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

50/60Hz IK07 IP20

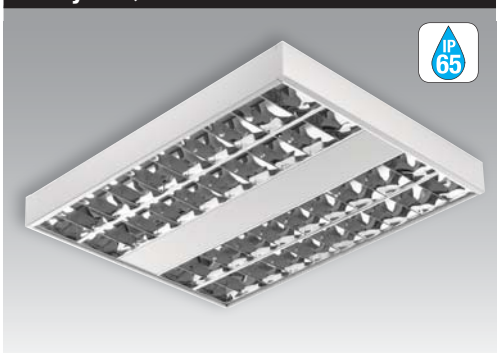
LED Syros QC





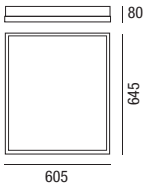
> 30.000 h ≈ 15.000 h
40W LED 4x18W

LED Syros QC IP65



colour	W	IP	Vac		lm	K	pcs/ pallets	Kg	CELL	Euro cad.
B	40	**20**	220-240	B LED	2950	3000	60	3.00	25902	227,17
B	40	**20**	220-240	B LED	3150	4000	60	3.30	25934	227,17
B	40	**65**	220-240	B LED	2980	4000	60	5.80	25939	341,12
B	40	**20**	220-240	B LED	2950	6000	60	3.00	25950	227,17

LED Syros QC Opal

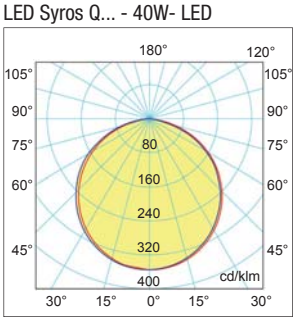


> 30.000 h ≈ 15.000 h
40W LED 4x18W

colour	W	IP	Vac		lm	K	pcs/ pallets	Kg	CELL	Euro cad.
B	40	**40**	220-240	B LED	2950	3000	60	3.00	25898	220,67
B	40	**40**	220-240	B LED	2950	4000	60	3.00	25949	220,67
B	40	**40**	220-240	B LED	2950	6000	60	3.00	25899	220,67

Dati fotometrici - *Photometric data*

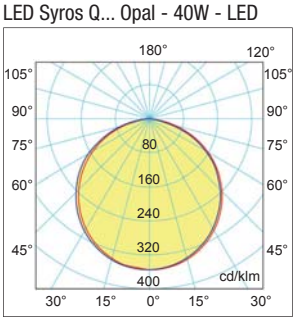
LED Syros Q... - 40W- LED



4000K

		Emax
Ø 2,80 m	1 m	1550 lux
Ø 5,70 m	2 m	390 lux
Ø 8,60 m	3 m	198 lux

LED Syros Q... Opal - 40W - LED



4000K

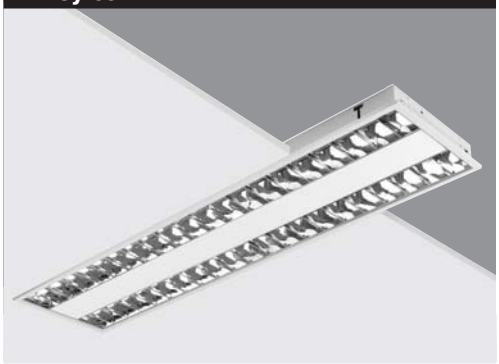
		Emax
Ø 2,80 m	1 m	1110 lux
Ø 5,70 m	2 m	278 lux
Ø 8,60 m	3 m	139 lux

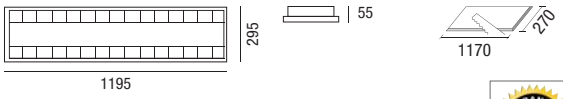
LED Syros QR Opal

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

50/60Hz IK07 IP20

LED Syros RR

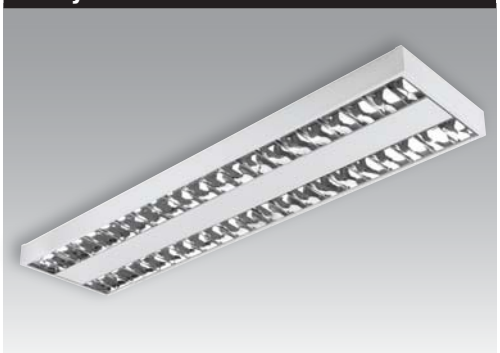


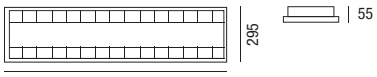


> 30.000 h ≈ 15.000 h
40W LED 4x18W

colour	W	IP	Vac		lm	K	pcs/ pallets	Kg	S+L	Euro cad.
B	40	**20**	220-240	B LED	3200	4000	60	3.750	25936	191,00

LED Syros RC





> 30.000 h ≈ 15.000 h
40W LED 4x18W

colour	W	IP	Vac		lm	K	pcs/ pallets	Kg	CELL	Euro cad.
B	40	**20**	220-240	B LED	3200	4000	60	4.100	25937	226,26

LED Syros RS

> 30.000 h ≈ 15.000 h
40W LED 4x18W

colour	W	IP	Vac		lm	K	pcs/ pallets	Kg	CELL	Euro cad.
B	40	**20**	220-240	B LED	3200	4000	60	4.770	25938	231,43

Alimentatore accessorio non incluso- *Power supply accessories not included*

equiv. SELV

IP20
Alimentatore con PFC
Power Supply with PFC

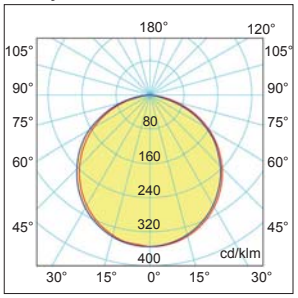
IP20
Alimentatore Dimmerabile 0÷10V.
0÷10V. Dimmable Power Supply

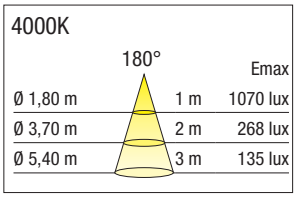
W	Alimentatore/Power supply	IP	Vac	W min	Vout				Cod.	Euro cad.
42	ALIM. MINILED-VDT	**20**	220÷240	13	24	71,5	157	34	RN1432	26,25
42	ALIM. DIM. MINILED-VDT	**20**	220÷240	13	24	71,5	157	34	PTDCD40S10B	33,38

LED Syros RS. versione a sospensione - *version suspension*

Dati fotometrici - *Photometric data*

LED Syros R... - 40W - LED





Chameleon® R111 Top

made in Italy

CLASSE ENERGETICA
ENERGY CLASS
A

GARANZIA 5 ANNI YEARS GUARANTEED

eco Light PER UN FUTURO SENZA CO_2

RISPARMIO -85% ENERGIA

DURATA 30.000h. LIFETIME

Con possibilità di sostituzione del modulo LED a scelta 3000°k o 4000°K

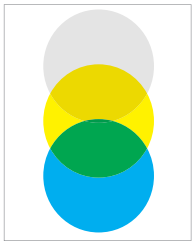
Option of replacing the LED module choice of either 3000°K or 4000°K

Con possibilità di sostituzione del diffusore con scelta dell'angolo di emissione da 20/40/60°

Option of replacing the diffuser with 20/40/60° beam angles

Raffreddamento tramite pompa a membrana posto sul retro del corpo luminoso

Cooling through diaphragm pump in the back of the lighting body



Alloggiamento filtri antiabbagliamento e correzione cromatica

Anti-glare filter housing and chromatic correction

Adattattabili a qualsiasi corpo illuminante con attacco R111

Adaptables to any lighting body with socket R111

Chameleon R111 Top 1 LED MULTICHIP Cree®

Novità 2013

Sorgenti LED intercambiabili con AR111
Interchangeable AR111 LED sources

CLASSE ENERGETICA
ENERGY CLASS
A

Vega 9 LED R111 Cree®

Modulo LED
LED Module
10W-14W-27W-36W
3000°K
6000°K
4000°K a richiesta/on request

lenti
lens
15°/30°/45°

diffusore opale
opal diffuser

Meissa 1 LED MULTICHIP Cree®

Modulo LED
LED Module
14W-21W-30W
3000°K
6000°K
4000°K a richiesta/on request

diffusore
diffuser
25°/40°

griglia di raffreddamento
cooling grid

A richiesta è possibile sostituire la sorgente luminosa a corredo dei corpi illuminanti in tabella con le Sorgenti luminose a LED qui illustrate, inoltre è possibile, sempre a richiesta, scegliere potenza del LED, temperatura di colore del LED, angolo di diffusione delle lenti o del diffusore.

On request it is possible to choose and replace the light source supplied with lamps illustrated, it is also possible on prompt with these products, to choose LED power, color temperature, diffusion angle of the lenses or the diffuser.

Quanto sopra descritto è valido per i seguenti prodotti:
The above also applies to the following products:

lampade/lamps	Chameleon R111 Top	9 LED R111 Cree®	1 LED Multichip Cree®	pag/page
LED Effect power		●	●	28
LED Galileo power	●	●	●	30
Serie Moon power LED	●	●	●	32
Serie Occhio power LED		●		36
LED Nota		●	●	40
Hidden power LED		●	●	44
LED Retail		●		59
LED Elle		●	●	68
Axolute 1/2 power LED	●	●	●	72-73

LED Effect

Effect LED è l'incasso a LED ideale per gli ambienti commerciali (supermercati, grandi magazzini, retail, ecc.) per uffici e in qualsiasi ambiente dove è necessario un'illuminazione diretta.
Un apparecchio a base tonda con cornice bianca con corpo estraibile ideale per sostituire apparecchi con sorgenti a ioduri metallici da 35W e 70W.
Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono Effect LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

Applicazione: incasso

Corpo: alluminio pressofuso UNI5076 sabbiato e viteria in acciaio

Orientabilitá: verticale 65°, orizzontale 350°

Riflettore: alluminio anodizzato e brillantato

Verniciatura: di tipo poliestere, eseguita a polvere, Bianco RAL9010

Schermo: vetro serigrafato temperato, resistente agli shock termici e agli urti

Portalampada: ceramica

Cablaggio: completo di alimentazione elettronica, dotato di morsettiera a 2 poli sul primario e sul secondario

Effect LED is the LED downlighter ideal for retail spaces (supermarkets, department stores, shops, etc.), offices and any other space that requires direct lighting.
It has a round body with white frame and pull-out body, ideal to replace fixtures with 35W and 70W metal halide lamps.
The ultra-low energy consumption and the duration of over 30,000 hours make Effect LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.

Application: *recessed*

Body: *sandblasted die cast aluminium UNI5076 and steel screws*

Adjustable: *vertical 65°, horizontal 350°*

Reflector: *polished and anodised aluminium*

Coating: *coated with powered polyester, White RAL9010*

Shield: *tempered glass resistant against thermal shocks and collisions, with serigraphy*

Lamp holder: *ceramic*

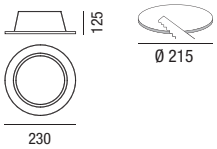
Wiring: *complete with electronic power supply, equipped with 2 pole terminal board on the primary side*

Orientabilità - *Adjustability*

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

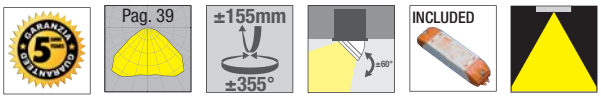
230V 50Hz IK07 IP20

LED Effect



> 30.000 h MULTICHIP 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

> 30.000 h 36W LED ≈ 10.000 h 70W G12



colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
B	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	1.50	24106	136,50
B	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	1.50	24107	136,50
B	36	1000	B 4Wx9 LED	3000	1827	30° (15°-45°)	001	1.50	24178	162,75
B	36	1000	B 4Wx9 LED	4000	2178	30° (15°-45°)	001	1.50	24174	175,00
B	30	700	B 1 LED MULTICHIP	4000	2220	25° (40°)	001	1.50	24176	175,00

Referenze: negozio abbigliamento “Space stores” Los Angeles
Reference: clothing store “Space stores” Los Angeles

LED Galileo

Galileo LED è l'incasso a LED ideale per gli ambienti commerciali (supermercati, grandi magazzini, retail, ecc.) per uffici e in qualsiasi ambiente dove è necessario un'illuminazione diretta.
Un apparecchio a base tonda con cornice bianca con corpo estraibile ideale per sostituire apparecchi con sorgenti a ioduri metallici da 35 w e 70 w.
Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono Effect LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

Applicazione: incasso

Corpo: acciaio galvanizzato

Orientabilitá: verticale X 60°, orizzontale Y 60°

Verniciatura: di tipo poliestere, eseguita a polvere, Bianco RAL9010, Nero RAL9005 e Cromo.

Schermo: vetro trasparente temperato, resistente agli shock termici e agli urti (solo per le versioni G12)

Portalampada: ceramica

Cablaggio: completo di alimentazione elettronica, dotato di morsettiera a 2 poli sul primario e sul secondario

Galileo LED is the LED downlighter for retail spaces (supermarkets, department stores, shops, etc.), offices and any other space that requires direct lighting.
It has a round body with white frame and pull-out body, ideal to replace fixtures with 35W and 70W metal halide lamps.
The ultra-low energy consumption and the duration of over 30,000 hours make Effect LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.

Application: *recessed*

Body: *galvanised steel*

Adjustable: *vertical X 60°, horizontal Y 60°*

Coating: *coated with powered polyester, White RAL9010, Black RAL9005 and Chrome.*

Shield: *tempered glass resistant against thermal shocks and collisions (only for G12 version)*

Lamp holder: *ceramic*

Wiring: *G53/LED: complete with electronic power supply, equipped with 2 pole terminal board on the primary side*

Orientabilità - *Adjustability*

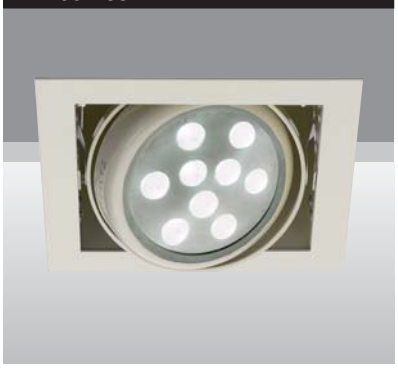
Apparecchio ad incasso con possibilità di estrazione del gruppo ottico, adatto per l'impiego di lampade a bassissima tensione e a scarica. L'estrazione del vano lampada a due livelli mediante un sistema di fenditure graduate sulla staffa garantisce il mantenimento del puntamento e l'orientabilità del fascio luminoso senza che esso venga ostruito dal corpo illuminante.

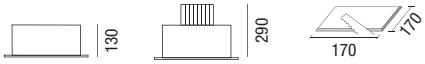
Recessed device with the possibility of extracting the optic group, finalised for use with very low voltage lamps and discharge lamps. The extraction of the lamp compartment, on two levels by means of a cleft system graduated on the bracket, guarantees the pointing and the adjustability of the light output without obstruction from the light fitting.

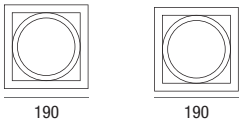
DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

230V 50Hz **IK07** **IP20**

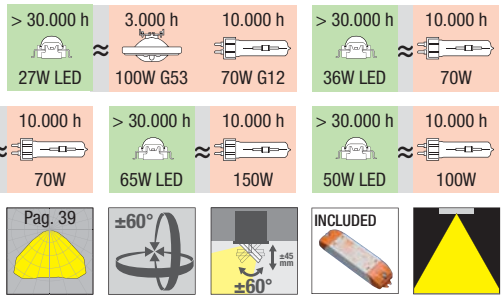
LED Galileo







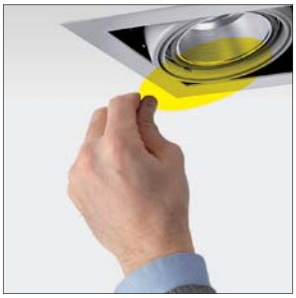
27W - 36W (10W-14W) **40W - 50W - 65W**



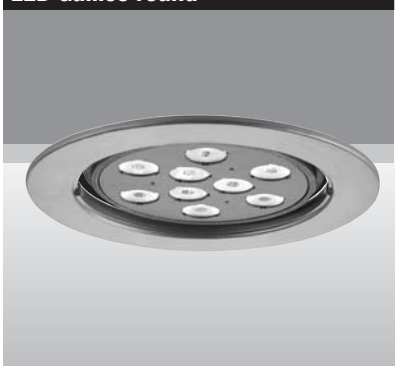
colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
B	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	1.60	31072	154,35
B	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	1.60	31074	154,35
N	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	1.60	31060	154,35
N	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	1.60	31062	154,35
C	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	1.60	31064	160,65
C	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	1.60	31070	160,65
B	36	1000	B 4Wx9 LED	3000	1827	30° (15°-45°)	001	1.60	31236	183,75
N	36	1000	B 4Wx9 LED	3000	1827	30° (15°-45°)	001	1.60	31237	183,75
C	36	1000	B 4Wx9 LED	3000	1827	30° (15°-45°)	001	1.60	31238	183,75
B	36	1000	B 4Wx9 LED	4000	2178	30° (15°-45°)	001	1.50	31229	183,75
B	30	700	B 1 LED MULTICHIP	4000	2220	25° (40°)	001	1.50	31230	160,65
B	1x40* 1x50*	1000 1400	B 1 LED MULTICHIP	3000	2900 3500	60° (20°-40°)	001	1.60	31239	264,60
N	1x40* 1x50*	1000 1400	B 1 LED MULTICHIP	3000	2900 3500	60° (20°-40°)	001	1.60	31240	264,60
C	1x40* 1x50*	1000 1400	B 1 LED MULTICHIP	3000	2900 3500	60° (20°-40°)	001	1.60	31241	294,00
B	65	1800	B 1 LED MULTICHIP	3000	4600	60° (20°-40°)	001	1.60	31242	271,95
N	65	1800	B 1 LED MULTICHIP	3000	4600	60° (20°-40°)	001	1.60	31243	273,00
C	65	1800	B 1 LED MULTICHIP	3000	4600	60° (20°-40°)	001	1.60	31244	286,65

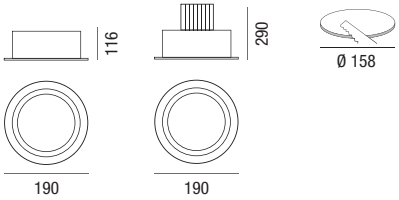
* Con alimentatore multipower - *With Multipower power supply*

40W - 50W - 65W
Con possibilità filtri antiabbagliamento e correzione cromatica
Possibility Anti-glare filter and chromatic correction



LED Galileo round



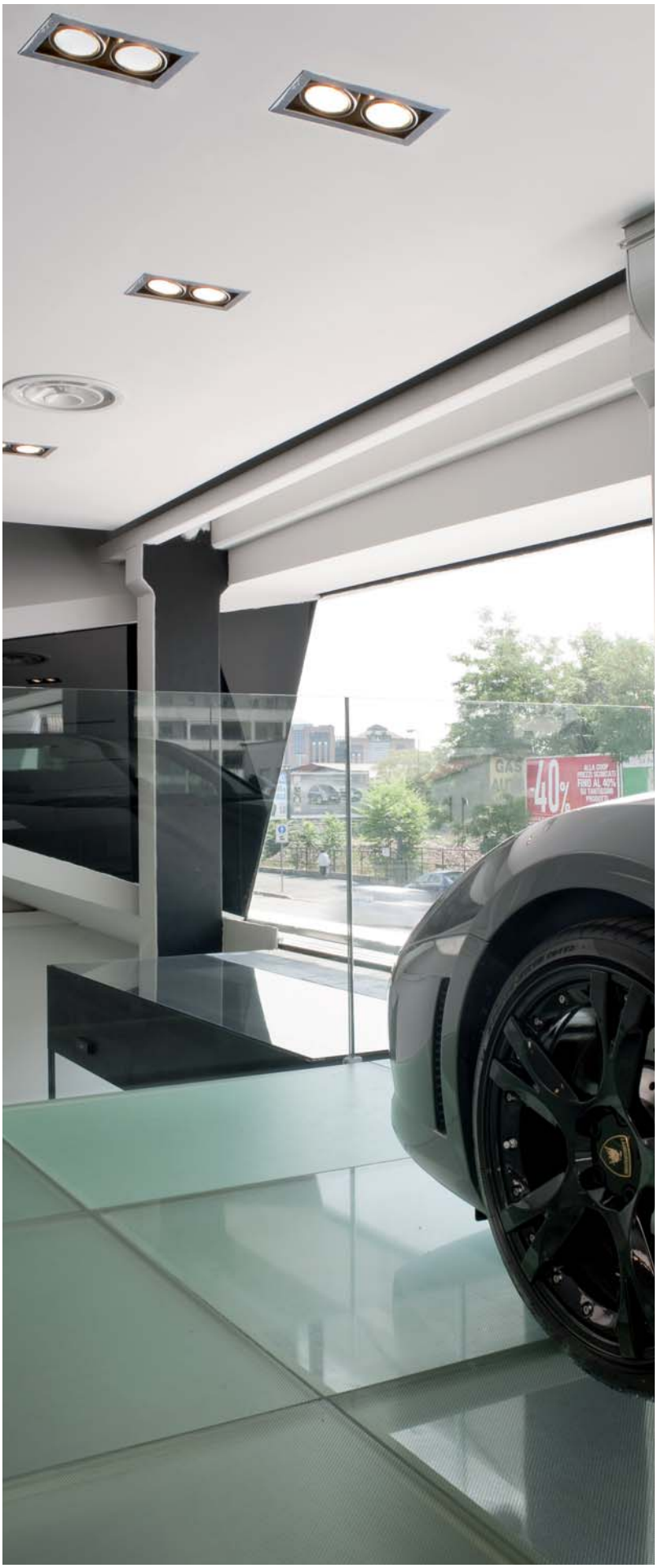


27W - 36W (10W-14W) **40W - 50W - 65W**

Disponibile con forma tonda, aggiungere **/R** dopo il codice: (es. 31072 - 31072**/R**).

*Available with round shape, add **/R** after the code: (eg. 31072 - 31072**/R**).*

LED Moon



Moon LED è l'incasso multilampada a LED ideale per gli ambienti commerciali (supermercati, grandi magazzini, retail, ecc.) per uffici e in qualsiasi ambiente dove è necessario un'illuminazione diretta.
Un apparecchio orientabile a base quadrata con cornice grigia o senza cornice ideale per sostituire apparecchi con sorgenti a ioduri metallici da 35W, 70W e 150W. Disponibili diverse potenze a LED sia con sorgenti Leuci che con multichip. A richiesta per quantità nelle colorazioni bianco RAL 9010.
Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono Moon LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

Applicazione: incasso

Corpo: metallo galvanizzato

Orientabilitá: verticale X 60°, orizzontale Y 60°

Verniciatura: di tipo poliestere, eseguita a polvere, Grigio metallizzato, Bianco RAL9010

Cablaggio: completo di alimentazione elettronica, dotato di morsettiera a 2 poli sul primario e sul secondario.

Moon LED is the LED multilamp downlighter ideal for retail spaces (supermarkets, department stores, shops, etc.), offices and any other space that requires direct lighting. It is an adjustable fixture with square body available with grey frame or in frameless version, ideal to replace fixtures with 35W, 70W and 150W metal halide lamps. Available with different LED wattages, both with Leuci and multichip light sources. Upon request, available with RAL 9010 white colour according to quantity. The ultra-low energy consumption and the duration of over 30,000 hours make Moon LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.

Application: *recessed*

Body: *galvanised metal*

Adjustable: *vertical X 60°, horizontal Y 60°*

Coating: *coated with powered polyester*

Wiring: *complete with electronic power supply, equipped with 2 pole terminal board on primary.*

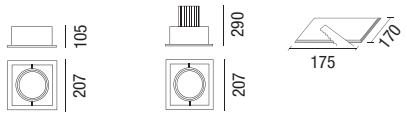
40W - 50W - 65W
Con possibilità filtri antiabbagliamento e correzione cromatica

Possibility Anti-glare filter and chromatic correction

DIMMABLE A RICHIESTA
DIMMABLE ON REQUEST

230-240V 50Hz IK07 IP20

LED Moon 1



27W - 36W (10W-14W)

40W - 50W - 65W

> 30.000 h MULTICHIP 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

> 30.000 h 36-40W LED ≈ 10.000 h 70W

> 30.000 h 50W LED ≈ 10.000 h 100W

> 30.000 h 65W LED ≈ 10.000 h 150W

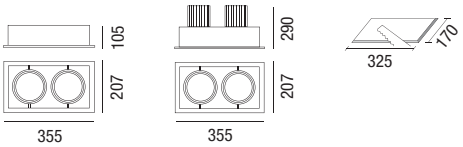
GARANZIA 5 ANNI — Pag. 39 — ±60° — ±60° — INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
G	1x27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	2.90	31051	118,65
G	1x27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	2.90	31050	118,65
G	1x36	1000	B 4Wx9 LED	3000	1827	30° (15°-45°)	001	2.90	32485	147,00
G	1x40* 1x50*	1000 1400	B 1 LED MULTICHIP	3000 4k	2900 3500	60° (20°-40°)	001	3.00	32479	275,10
G	1x65	1800	B 1 LED MULTICHIP	3000 4k	4600	60° (20°-40°)	001	3.00	32480	259,35

* Con alimentatore Multipower - *With Multipower power supply*

4k a richiesta temperatura di colore 4000°K - on request color temperature 4000°K

LED Moon 2



27W - 36W

40W- 50W - 65W

> 30.000 h MULTICHIP 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

> 30.000 h 36-40W LED ≈ 10.000 h 70W

> 30.000 h 50W LED ≈ 10.000 h 100W

> 30.000 h 65W LED ≈ 10.000 h 150W

GARANZIA 5 ANNI — Pag. 39 — ±60° — ±60° — INCLUDED

W	K	Lm
54	6000	3778
54	3000	2720
72	3000	3654
80* 100*	3000	5800 7000
130	3000	9200

Potenza massima totale dell'apparecchio illuminante.
Total output power of the lights

colour	W		mA		K	Lm		pcs	Kg	CELL	Euro cad.
G	2x27	(10-14)	700	B 3Wx9 LED	6000	2x 1889	30° (15°-45°)	001	3.90	31048	226,80
G	2x27	(10-14)	700	B 3Wx9 LED	3000	2x 1360	30° (15°-45°)	001	3.90	31049	226,80
G	2x36		1000	B 4Wx9 LED	3000	2x 1827	30° (15°-45°)	001	3.90	32486	278,25
G	2x40* 2x50*		1000 1400	B 1 LED MULTICHIP	3000 4k	2x 2900 2x 3500	60° (20°-40°)	001	4.00	32481	536,55
G	2x65		1800	B 1 LED MULTICHIP	3000 4k	2x 4600	60° (20°-40°)	001	4.00	32482	504,00

* Con alimentatore Multipower - *With Multipower power supply*

4k a richiesta temperatura di colore 4000°K - on request color temperature 4000°K

Disponibile in bianco RAL 9010
Available in RAL 9010 white

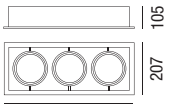
/W Per ordinazioni aggiungere il suffisso **/W** dopo il codice prodotto Grigio es: 31051**/W**
*For orders add **/W** after the product code Gray es: 31051/W*

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

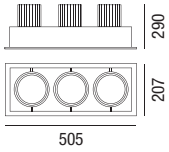
230-240V 50Hz

IK07 IP20

LED Moon 3



27W - 36W
(10W-14W)



40W - 50W - 65W

> 30.000 h		≈	3.000 h	10.000 h
MULTICHIP	27W LED		100W G53	70W G12

> 30.000 h	≈	10.000 h
36-40W LED		70W

> 30.000 h	≈	10.000 h
50W LED		100W

> 30.000 h	≈	10.000 h
65W LED		150W

W	K	Lm
81	6000	5667
81	3000	4080
108	3000	5481
120* 150*	3000	8700 10500
195	3000	13800

Potenza massima totale dell'apparecchio illuminante.
Total output power of the lights

colour	W		mA		K	Lm		pcs	Kg	CELL	Euro cad.
G	3x27	(10-14)	700	B 3Wx9 LED	6000	3x 1889	30° (15°-45°)	001	4.90	31058	334,95
G	3x27	(10-14)	700	B 3Wx9 LED	3000	3x 1360	30° (15°-45°)	001	4.90	31059	334,95
G	3x36		1000	B 4Wx9 LED	3000	3x 1827	30° (15°-45°)	001	4.90	32487	399,00
G	3x40* 3x50*		1000 1400	B 1 LED MULTICHIP	3000 4k	3x 2900 3x 3500	60° (20°-40°)	001	5.00	32483	796,95
G	3x65		1800	B 1 LED MULTICHIP	3000 4k	3x 4600	60° (20°-40°)	001	5.00	32484	748,65

* Con alimentatore Multipower - *With Multipower power supply*
4k a richiesta temperatura di colore 4000°K - on request color temperature 4000°K

Moon power led 2 con/with Chameleon LED

Referenze/*Reference*: Chateau D'Ax-c.so francia (TO)

Referenze/*Reference*: Euronics, Limbiate (MI)

Referenze/*Reference*: Euronics, Limbiate (MI)

LED Occhio

Occhio LED è l'incasso multilampada a LED ideale per gli ambienti commerciali (supermercati, grandi magazzini, retail, ecc.) per uffici e in qualsiasi ambiente dove è necessario un'illuminazione diretta. Un apparecchio orientabile ed estraibile a base quadrata con cornice (grigia o bianca) o senza cornice ideale per sostituire apparecchi con sorgenti a ioduri metallici da 35W e 70W. Disponibili diverse potenze a LED con sorgenti Leuci. Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono Moon LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

Applicazione: Incasso.

Costruzione: In lamiera di acciaio.
Corpo di colore nero opaco con cornice in colore RAL 9006 per la versione grigia.
Corpo e cornice di colore bianco RAL9010 per la versione bianca.

Orientabilità: ruota rispetto all'asse centrale di 355° e può essere inclinato rispetto all'asse verticale di 55° (fuori tutto). Sporgenza massima della parabola da 0 a 130 mm.

Parabola portalampada: lamiera tornita in lastra e verniciata a polvere grigio metallizzato RAL 9006 (versione nero) o RAL 9010 (versione bianco).

Ghiera di chiusura portalampada: alluminio pressofuso e verniciato a polvere grigio metallizzato RAL 9006 (versione nero) o RAL 9010 (versione bianco).

Riflettore: alluminio satinato e brillantato (solo per versione con portalampada G12).

Vetro di chiusura parabola portalampada: vetro trasparente temperato, resistente agli shock termici e agli urti (solo per versione G12).

Portalampada: ceramico G12

Cablaggio: G53/LED: completo di alimentatore elettronico dotato di morsettiera a 2 poli sul primario e sul secondario.

Occhio LED is the LED multilamp downlighter ideal for retail spaces (supermarkets, department stores, shops, etc.), offices and any other space that requires direct lighting. It is a pull-out adjustable fixture with square body available with frame (grey or white) or in frameless version, ideal to replace fixtures with 35W and 70W metal halide lamps. Available in different LED wattages with Leuci light sources. The ultra-low energy consumption and the duration of over 30,000 hours make Moon LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.

Application: *recessed*

Construction: steel sheet.
Matt black body with frame in RAL 9006 in the grey version.
Body and frame in RAL9010 white in the white version.

Orientation: can rotate in comparison to the central axe of 355° and be tilted in comparison to the vertical axe of 55° (out all). Maximum Prominence of the optic from 0 to 130 mm.

Lamp holder hood: powder-coated turned sheet metal, metallic grey RAL 9006 (black version) or RAL 9010 (white version).

Lamp holder lock ring: powder-coated die-cast aluminium, metallic grey RAL 9006 (black version) or RAL 9010 (white version).

Reflector: satin-finished polished aluminium (only on version G12 lampholder).

Hood Lamp holder glass: tempered transparent glass, resistant against thermal shocks and collisions (only for version G12).

Lamp holder: ceramic G12

Wiring: G53/LED: complete with electronic ballast, 2-pole terminal board on primary and secondary circuits

Orientabilità - *Adjustability*

Finitura - *Finishing*

LED Occhio

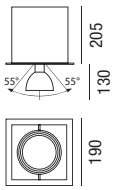
LED Occhio black

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

230-240V 50Hz

IK07 IP20

LED Occhio 1

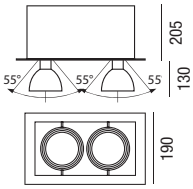


> 30.000 h 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

Pag. 39 ±60° ±60° INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
B	1x27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	2.10	31191	126,00
S	1x27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	2.10	31192	126,00
B	1x27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	2.10	31193	126,00
S	1x27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	2.10	31194	126,00

LED Occhio 2



> 30.000 h 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

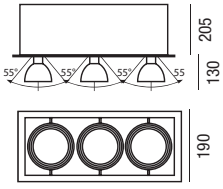
Pag. 39 ±60° ±60° INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
B	2x27 (10-14)	700	B 2x 3Wx9 LED	6000	2x1889	30° (15°-45°)	001	3.80	31187	241,50
S	2x27 (10-14)	700	B 2x 3Wx9 LED	6000	2x1889	30° (15°-45°)	001	3.80	31186	241,50
B	2x27 (10-14)	700	B 2x 3Wx9 LED	3000	2x1360	30° (15°-45°)	001	3.80	31184	241,50
S	2x27 (10-14)	700	B 2x 3Wx9 LED	3000	2x1360	30° (15°-45°)	001	3.80	31183	241,50

W	K	Lm
54	6000	3778
54	6000	3778
54	3000	2720
54	3000	2720

Potenza massima totale dell'apparecchio illuminante.
Total output power of the lights

LED Occhio 3



> 30.000 h 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

Pag. 39 ±60° ±60° INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
B	3x27 (10-14)	700	B 3x 3Wx9 LED	6000	3x1889	30° (15°-45°)	001	4.80	31197	423,15
S	3x27 (10-14)	700	B 3x 3Wx9 LED	6000	3x1889	30° (15°-45°)	001	4.80	31199	405,30
B	3x27 (10-14)	700	B 3x 3Wx9 LED	3000	3x1360	30° (15°-45°)	001	4.80	31148	407,40
S	3x27 (10-14)	700	B 3x 3Wx9 LED	3000	3x1360	30° (15°-45°)	001	4.80	31149	407,40

W	K	Lm
81	6000	5667
81	6000	5667
81	3000	4080
81	3000	4080

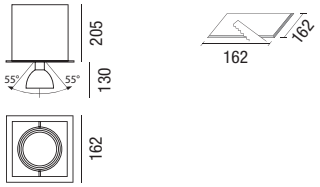
Potenza massima totale dell'apparecchio illuminante.
Total output power of the lights

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

230-240V 50Hz

IK07 IP20

LED Occhio black 1



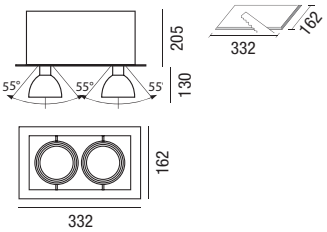
27W - 36W

> 30.000 h 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

Pag. 39 ±60° ±60° INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
S	1x27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	2.00	31195	126,00
S	1x27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	2.00	31196	126,00

LED Occhio black 2



27W - 36W

> 30.000 h 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

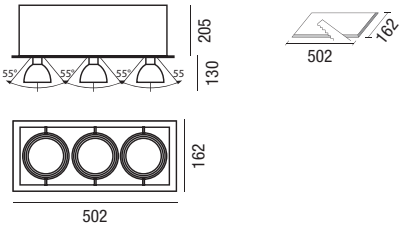
Pag. 39 ±60° ±60° INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
S	2x27 (10-14)	700	B 2x 3Wx9 LED	6000	2x1889	30° (15°-45°)	001	3.40	31188	241,50
S	2x27 (10-14)	700	B 2x 3Wx9 LED	3000	2x1360	30° (15°-45°)	001	3.40	31185	241,50

W	K	Lm
54	6000	3778
54	3000	2720

Potenza massima totale dell'apparecchio illuminante.
Total output power of the lights

LED Occhio black 3



> 30.000 h 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

Pag. 39 ±60° ±60° INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
S	3x27 (10-14)	700	B 3x 3Wx9 LED	6000	3x1889	30° (15°-45°)	001	4.00	31198	346,50
S	3x27 (10-14)	700	B 3x 3Wx9 LED	3000	3x1360	30° (15°-45°)	001	4.00	31206	407,40

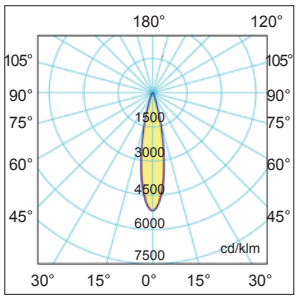
W	K	Lm
81	6000	5667
81	3000	4080

Potenza massima totale dell'apparecchio illuminante.
Total output power of the lights

LED Life IP44 - Effect - Galileo - Moon
Occhio > power LED - LED Nota RC - LED Hidden

Dati fotometrici - *Photometric data*

DIAGRAMMA POLARE/*POLAR DIAGRAM:* 10W LED-350mA - **14W** LED-500mA - **27W** LED-700mA - **36W** LED-1000mA



6000K - 10W

30°

		Emax
Ø 0.37 m	1 m	4410 lux
Ø 0.74 m	2 m	1104 lux
Ø 1.11 m	3 m	491 lux

6000K- 14W

30°

		Emax
Ø 0.37 m	1 m	6194 lux
Ø 0.74 m	2 m	1580 lux
Ø 1.11 m	3 m	680 lux

6000K- 27W

30°

		Emax
Ø 0.37 m	1 m	8172 lux
Ø 0.74 m	2 m	2043 lux
Ø 1.11 m	3 m	908 lux

6000K- 36W

30°

		Emax
Ø 0.37 m	1 m	11340 lux
Ø 0.74 m	2 m	2835 lux
Ø 1.11 m	3 m	1260 lux

3000K/4000K - 10W

30°

		Emax
Ø 0.37 m	1 m	3150 lux
Ø 0.74 m	2 m	788 lux
Ø 1.11 m	3 m	350 lux

3000K/4000K - 14W

30°

		Emax
Ø 0.37 m	1 m	4410 lux
Ø 0.74 m	2 m	1104 lux
Ø 1.11 m	3 m	490 lux

3000K/4000K - 27W

30°

		Emax
Ø 0.37 m	1 m	5832 lux
Ø 0.74 m	2 m	1485 lux
Ø 1.11 m	3 m	648 lux

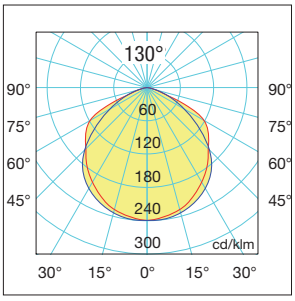
3000K/4000K - 36W

30°

		Emax
Ø 0.37 m	1 m	8088 lux
Ø 0.74 m	2 m	2020 lux
Ø 1.11 m	3 m	899 lux

DIAGRAMMA POLARE/*POLAR DIAGRAM:* 27W - LED OPALE

27W LED - 700mA



Opale disponibile nel colore

available in color

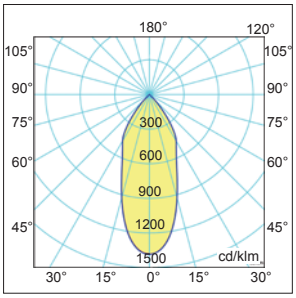
3000K - 27W

130°

		Emax
Ø 4,2 m	1 m	340 lux
Ø 7,8 m	2 m	81 lux
Ø 12,15 m	3 m	20 lux

Super Galileo - Super Moon > power LED

DIAGRAMMA POLARE/ *POLAR DIAGRAM:* 25W LED MULTICHIP **- 40W** LED MULTICHIP **- 50W** LED MULTICHIP **-65W** LED MULTICHIP



60° riflettore | *reflector*

3000K - 25W

60°

		Emax
Ø 1.8 m	1 m	1800 lux
Ø 3.4 m	2 m	440 lux
Ø 5.3 m	3 m	220 lux

3000K - 40W

60°

		Emax
Ø 1.8 m	1 m	2900 lux
Ø 3.4 m	2 m	705 lux
Ø 5.3 m	3 m	350 lux

3000K - 50W

60°

		Emax
Ø 1.8 m	1 m	3500 lux
Ø 3.4 m	2 m	880 lux
Ø 5.3 m	3 m	440 lux

3000K - 65W

60°

		Emax
Ø 1.8 m	1 m	4600 lux
Ø 3.4 m	2 m	1150 lux
Ø 5.3 m	3 m	575 lux

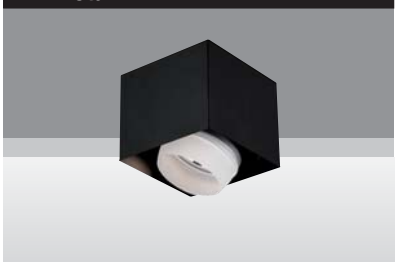
LED Nota RC

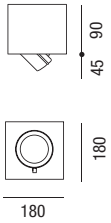
Sistema di faretti orientabili da incasso.
Struttura in acciaio verniciato nero opaco.
Questi LED sono consigliati per illuminare quadri esposti in musei e gallerie d'arte perchè non producono nessuna emissione di raggi UV o infrarossi (non scoloriscono o scaldano gli oggetti). L'impiego dei LED rende possibile la realizzazione di sistemi di illuminazione molto efficienti con drastica riduzione dei consumi energetici. La durata di oltre 30.000 ore consente l'abbattimento dei costi di manutenzione e sostituzione delle lampadine.
A richiesta è possibile fornire Nota RC PowerLED con alimentatore dimmerabile mediante pulsante esterno (non in dotazione).
Per il montaggio di Nota RC è indispensabile l'accessorio cornice (Nota FR 1/2/3) da fissare preventivamente nel foro del cartongesso per facilitarne l'istallazione ed evitare imperfezioni.
Tutti i modelli sono provvisti di lampade Leuci e alimentatori elettronici Relco.
Applicazione: incasso
Corpo: metallo galvanizzato
Orientabilitá: verticale ±45°, orizzontale ±355°
Verniciatura: di tipo poliestere, eseguita a polvere, Nero RAL9005.
Diffusore: in policarbonato opaco (non incluso).
Cablaggio: completo di alimentazione elettronica, dotato di morsettiera a 2 poli sul primario e sul secondario.
Cornice: disponibile (a richiesta) cornice esterna facilmente applicabile a prodotto già installato, in due finiture, argento o con finitura pretrattata per vernice murale.

System of adjustable spot-lights recessed.
Lamp-bearing structure in matt black.
Steel structure with matt black finish.
These LEDs are recommended for lighting pictures in museums and art galleries as they do not emit any UV or infra-red rays (they do not discolour or transmit heat to the objects). The use of LEDs makes it possible to set up highly efficient lighting systems that consume minimal energy.
The LEDs also have a lifespan of more than 30,000 hours, with no costs associated with maintenance or replacing the bulbs.
On request, it is possible to supply Nota RC PowerLED with dimmable driver through external button (not included).
The recessed versions come with a frame accessory (Nota FR) which can be set into a wall or integrated into plasterboard to ease installation and prevent imperfections. All the models come with Leuci bulbs and Relco electronic power supplies.
Application: *recessed*
Body: *galvanised metal*
Adjustable: *vertical ±45°, horizontal ±355°*
Coating: *coated with powered polyester*
Diffuser: *in opal polycarbonate (not included).*
Wiring: *complete with electronic power supply, equipped with 2 pole terminal board on primary.*
Frame: *available (on request) external frame, easy to apply when the product is installed in two finishes, silver or finished in pre-treated to paint mural.*

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

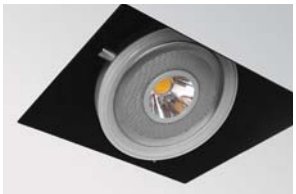
LED Nota 1



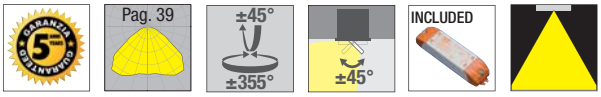


A richiesta con sorgente luminosa da 30W LED Multichip: 3000K (2040 lm), 4000K (2040 lm), 6000K (2400 lm). Con riflettore da 25° o 40°.

On request with 30W multichip LED light source: 3000K (2040 lm), 4000K (2040 lm), 6000K (2400 lm). With reflector 25 ° or 40 °.

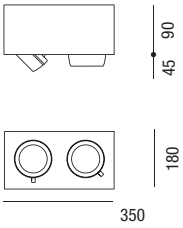


> 30.000 h		3.000 h	10.000 h
27W LED	≈	100W G53	70W G12



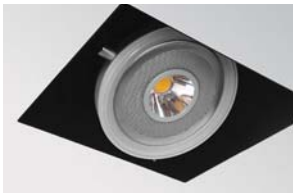
colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
S	1x27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	2.05	362124	113,00
S	1x27 (10-14)	700	B 3Wx9 LED	4000	1360	30°	001	2.05	363624	113,00
S	1x27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	2.05	362224	113,00
S	1x36	1050	B 4Wx9 LED	3000	1827	30° (15°-45°)	001	2.05	363824	136,00
S	1x36	1050	B 4Wx9 LED	4000	1827	30°	001	2.05	363924	136,00
S	1x36	1050	B 4Wx9 LED	6000	2529	30° (15°-45°)	001	2.05	364024	136,00

LED Nota 2

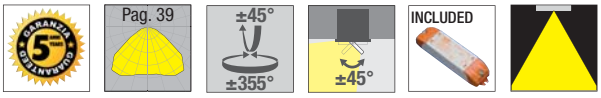


A richiesta con sorgente luminosa da 30W LED Multichip: 3000K (2040 lm), 4000K (2040 lm), 6000K (2400 lm). Con riflettore da 25° o 40°.

On request with 30W multichip LED light source: 3000K (2040 lm), 4000K (2040 lm), 6000K (2400 lm). With reflector 25 ° or 40 °.



> 30.000 h		3.000 h	10.000 h
27W LED	≈	100W G53	70W G12



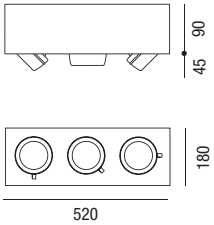
W	K	Lm
54	3000	2720
54	4000	2720
54	6000	3778

W	K	Lm
72	3000	3654
72	4000	3654
72	6000	5058

Potenza massima totale dell'apparecchio illuminante
Total output power of the lights

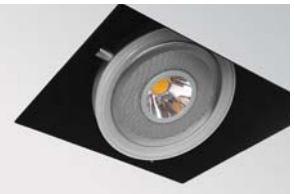
colour	W		mA		K	Lm		pcs	Kg	CELL	Euro cad.
S	2x27	(10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	3	361524	214,00
S	2x27	(10-14)	700	B 3Wx9 LED	4000	1360	30°	001	3	360924	214,00
S	2x27	(10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	3	361624	214,00
S	2x36		1050	B 4Wx9 LED	3000	1827	30° (15°-45°)	001	3	364124	257,00
S	2x36		1050	B 4Wx9 LED	4000	1827	30°	001	3	364224	257,00
S	2x36		1050	B 4Wx9 LED	6000	2529	30° (15°-45°)	001	3	364324	257,00

LED Nota 3

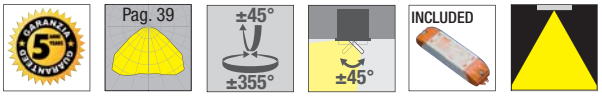


A richiesta con sorgente luminosa da 30W LED Multichip: 3000K (2040 lm), 4000K (2040 lm), 6000K (2400 lm). Con riflettore da 25° o 40°.

On request with 30W multichip LED light source: 3000K (2040 lm), 4000K (2040 lm), 6000K (2400 lm). With reflector 25 ° or 40 °.



> 30.000 h		3.000 h	10.000 h
27W LED	≈	100W G53	70W G12



W	K	Lm
81	3000	4080
81	4000	4080
81	6000	5667

W	K	Lm
108	3000	5481
108	4000	5481
108	6000	7587

Potenza massima totale dell'apparecchio illuminante

Total output power of the lights

colour	W		mA		K	Lm		pcs	Kg	CELL	Euro cad.
S	3x27	(10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	4.10	362824	322,00
S	3x27	(10-14)	700	B 3Wx9 LED	4000	1360	30°	001	4.10	363724	322,00
S	3x27	(10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	4.10	362924	322,00
S	3x36		1050	B 4Wx9 LED	3000	1827	30° (15°-45°)	001	4.10	364424	387,00
S	3x36		1050	B 4Wx9 LED	4000	1827	30°	001	4.10	364524	387,00
S	3x36		1050	B 4Wx9 LED	6000	2529	30° (15°-45°)	001	4.10	364624	387,00

Accessori non inclusi - *Accessories not included*

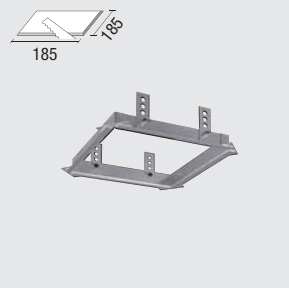
colour	descrizione	pcs	Kg	CELL
B	cornice esterna Bianca per LED Nota 1 - *external frame color white to LED Nota 1*	001	0.60	366625
S	cornice esterna Silver per LED Nota 1 - *external frame color silver to LED Nota1*	001	0.60	365425
	cornice esterna pretrattata per LED Nota 1 - *external frame pre-treated to LED Note 1*	001	0.60	365525
B	cornice esterna Bianca per LED Nota 2 - *external frame color white to LED Nota 2*	001	0.60	366725
S	cornice esterna Silver per LED Nota 2 - *external frame color silver to LED Nota 2*	001	0.60	365625
	cornice esterna pretrattata per LED Nota 2 - *external frame pre-treated to LED Note 2*	001	0.60	365725
B	cornice esterna Bianca per LED Nota 3 - *external frame color white to LED Nota 3*	001	0.60	366825
S	cornice esterna Silver per LED Nota 3 - *external frame color silver to LED Nota 3*	001	0.60	366425
	cornice esterna pretrattata per LED Nota 3 - *external frame pre-treated to LED Note 3*	001	0.60	366525

S Cornice esterna, in due finiture, argento o con finitura pretrattata per vernice murale
External frame, in two finishes, silver or finished in pre-treated to paint mural

LED Nota 2

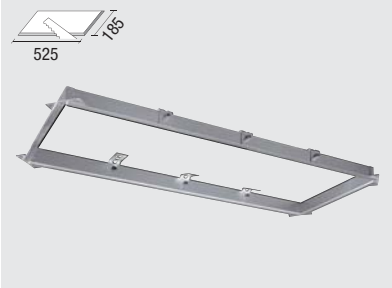
Accessori non inclusi - *Accessories not included*

Cod. 365325
Nota FR1 plaster kit



Cod. 365025
Nota FR2 plaster kit

Cod. 366325
Nota FR3 plaster kit



Cod. 363026
Paraluce/ lens hoods

Accessorio (non incluso) cornice da murare o integrare in cartongesso.
Frame accessory (not included) which can be set into a wall or integrated into plasterboard.

Paraluce in policarbonato (non incluso).
Polycarbonate lens hoods (not included)

LED Hidden

L'arretrata posizione della sorgente luminosa consente un'emissione a basso indice di abbagliamento ed elevato comfort visivo; particolarmente indicato in applicazioni residenziali e terziarie quali l'illuminazione di corridoi, saloni, sale comuni, aree di servizio e reception.
Il bassissimo consumo di energia elettrica e la durata superiore alle 30.000 ore rendono questo modello ideale in tutte quelle applicazioni dove serve un corretto livello di illuminamento dell'ambiente e dei piani di lavoro con al quasi totale assenza di abbagliamento combinati ad un elevato risparmio energetico, ideale per la sostituzione di apparecchi con sorgenti fluorescenti compatte da 2x13W, 2x18W e 2x26W oppure di apparecchi che utilizzino sorgenti a ioduri da 20W, 35W o 70W.
La tecnologia LED consente di eliminare i costi relativi alla manutenzione ordinaria (sostituzione delle sorgenti luminose) e di quella straordinaria lasciando al committente i soli costi di installazione e – a fine vita – rimozione e smaltimento degli articoli esausti.
Può essere applicato a: incasso
Sorgente: 3x9 LED CREE 27w (700mA), 14w (500mA), 10w (350mA)
Riflettore: in alluminio tornito in lastra con finitura verniciata nei tre colori bianco, argento ed oro tutti con finitura matt,
Supporto: in acciao tranciato e piegato a freddo con finitura zincata
Supporto sorgente: in lastra armonico tranciato e piegato a freddo
Alimentazione: inclusa, alimentatore dimmerabile con pulsante n/a o con interfaccia 1-10vdc. (non fornito).

The regressive position of the luminous source consents a low index emission of the body trimming and of an elevated visual comfort; particularly appropriate for devices of domestic and tertiary usage such as illumination of corridors, living rooms, common rooms, service areas and receptions.
The low electric energy consumption and the duration of over 30.000 hours makes this model ideal for all devices where a correct and discrete level of lighting is required for the ambience with a low level of body trimming, coupled with an elevated energy consumption level, Ideal for the replacement of equipment with compact fluorescent lamps from 2x13W, 2x18W and 2x26W or devices that use halide lamps 20W, 35W or 70W .
The LED technology consents to eliminate the relative costs of standard maintenance (substitution of luminous sources) and that of additional maintenance, only leaving the costumer the cost of the installment and – at the end of his life time – of the removal and dissipation of extinguished articles.
Application: *recessed*
Source: *3x9 27w LED CREE (700mA), 14w (500mA), 10W (350mA).*
Reflector: *in turned aluminum in glass sheet with varnished zinc texture in three colors which are white, silver and gold all in matt texture.*
Support: *in sheared steel and bent when cold with texture in zinc*
Source support: *in sheared harmonic glass sheet and cold when bent.*
Power Supply: *Included, dimmable with n/o button / or interface 1-10Vdc. (not supplied).*

Accessori - *Accessories*

JOLLY Omega

Articolo Article	V	Hz	Max. load			Codice Code	Euro cad.
JOLLY omega interfaccia analogica 1÷10 Vdc ***1÷10 Vdc analogic interface***	230÷240	50	15 ballast	0...+35	1	RM0485	104,73

Possibilità di regolare l'intensità luminosa con iterfaccia analogica.

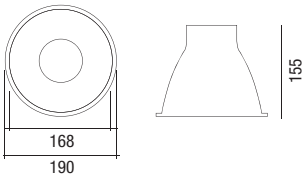
- Alimentazione: 230Vac - 50Hz.
- Uscita morsetti 7 - 8: Tensione regolabile 0÷10Vcc.
- Portata massima uscita: 30mA.
- Portata massima morsetti C1 - C2: 5A.
- Ingombro: 4 moduli DIN.
- Comando a pulsante (non fornito).

Ability to adjust the light intensity with analogic interface.

- *Power supply: 230Vac - 50Hz.*
- *Terminals output 7 - 8: adjustable voltage 0÷10Vcc.*
- *Maximum output power: 30mA.*
- *Maximum terminals power C1 - C2: 5A.*
- *Overall size: 4 DIN modules.*
- *Push button control (not supplied).*

DIMMABILE *DIMMABLE* 230V 50HZ IK04 IP20

LED Hidden



> 30.000 h	≈	10.000 h	10.000 h	> 30.000 h	≈	10.000 h	10.000 h	> 30.000 h	≈	10.000 h	10.000 h
10W LED		2x13W	20W G12	14W LED		2x18W	35W G12	27W LED		2x26W	70W G12

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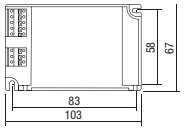
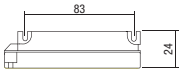
colour	W	mA		lm	K	pcs	Kg	CELL	Euro cad.
B	10	350	B 3Wx9 LED	730	6000	001	0.57	30750	128,00
	14	500		1014					
	27	700		1360					
B	10	350	B 3Wx9 LED	730	3000	001	0.57	30751	128,00
	14	500		1014					
	27	700		1360					
G	10	350	B 3Wx9 LED	730	6000	001	0.57	30752	128,00
	14	500		1014					
	27	700		1360					
G	10	350	B 3Wx9 LED	730	3000	001	0.57	30753	128,00
	14	500		1014					
	27	700		1360					
0	10	350	B 3Wx9 LED	730	6000	001	0.57	30754	128,00
	14	500		1014					
	27	700		1360					
0	10	350	B 3Wx9 LED	730	3000	001	0.57	30755	128,00
	14	500		1014					
	27	700		1360					

incluso - *included*

JOLLY POWERMINILED DIM 35 - 35W





0÷10V IP20 Multipower PFC EMC 300MHz

equiv. SELV | DIM Push | DIM 0-10 | RoHS compliance

Art.		W	V	Hz	Vout	mA	ta °C	tc °C	λ	LxPxH (mm)	Code	Euro cad.
JOLLY POWERMINILED DIM 35 Pending	POWERLED CDT	15	220-240	50÷60	45 dc	350	-20...40	75	0,94	103x67x24	PTDCMD/35	33,54
		22	220-240	50÷60	45 dc	500	-20...40	75	0,94			
		28	220-240	50÷60	50 dc	700	-20...40	75	0,94			

+ RN1300 DALI

Morsetti di entrata e uscita sullo stesso lato *Input and output terminal block on the same side*

Apparecchio per uso indipendente *Independent driver*

Fornito di dip switch per la selezione della corrente in uscita

Equipped with dip switch for selecting the current output

Led Ferma

Ferma LED è un incasso con ottica arretrata fissa ideale per gli ambienti commerciali, residenziali e in qualsiasi ambiente dove è necessario un'illuminazione spot e d'accento senza abbagliamento.
Un apparecchio semplice ma efficace a base tonda con cornice grigia ideale per sostituire apparecchi con sorgenti dicroiche da 35W. Disponibile in due diverse versioni, a 12v completo di alimentatore DC (KIT) e a 230v da alimentare direttamente con la tensione di rete.
Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono Ferma LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare oltre il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.
Ferma LED è il punto fermo per la tua illuminazione.

Installazione: incasso

Materiali: Corpo alluminio pressofuso. Verniciatura di tipo poliestere eseguita a polvere.

Sorgente: a scelta tra LED 8,4W 25° e 45° 3000K o 6000K 12v e LED 13W 25° 3000K 230V.

Colori: Disponibile nei colori verniciati grigio

Alimentazione: elettronica Relco inclusa nel KIT 12v, non necessaria nel modello a 230v.

Ferma LED is a downlighter with fixed optic in rear position, ideal for residential and retail environments, and for any other space that requires accent spot lighting without glare.
It is a simple, yet effective fixture with round body and grey frame, ideal to replace luminaires with 35W dichroic lamps. Available in two versions, 12v with DC power supply (KIT) and 230v directly powered from mains voltage.
The ultra-low energy consumption and the duration of over 30,000 hours make Ferma LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.
Ferma LED is a firm point for your lighting.

Installation: *recessed*

Materials: *Die-cast aluminium body. Polyester powder coating.*

Light source: *LED 8.4W 25° and 45° 3000K or 6000K 12v and LED 13W 25° 3000K 230V.*

Colours: *Available in grey painted colours*

Power supply: *Relco electronic ballast included in KIT 12v, not necessary in 230v model.*

Ferma Led - 230V

Kit Ferma Led

Descrizione - *Description*

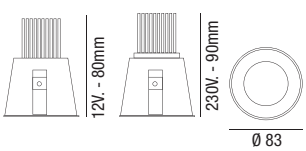
Kit Ferma Led

Ferma Led 230V

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

IK04 IP20

Kit Ferma Led



HIGHT EFFICENCY

> 30.000 h 8,4W LED ≈ 1.500 h 50W

FIX ±0°

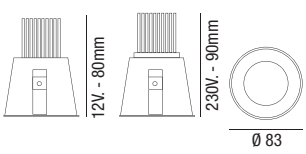
INCLUDED

colour	W		K	Lm	pcs	Kg	CELL	Euro cad.	
G	8,4	7LED 25°	6000	840	001	0.314	30776	63,00	C
G	8,4	7LED 25°	3000	650	001	0.314	30777	63,00	C
G	8,4	7LED 45°	6000	840	001	0.314	30778	63,00	C
G	8,4	7LED 45°	3000	650	001	0.314	30779	63,00	C

230V 50HZ

IK04 IP20

Ferma Led 230V

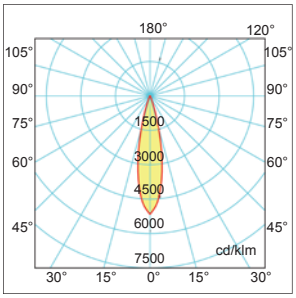


> 30.000 h 13W LED ≈ 1.500 h 50W

FIX ±0°

colour	W		K	Lm	pcs	Kg	S+L	Euro cad.	
G	13	1LED 25°	3000	700	001	0.195	30780	52,50	C
G	13	1LED 40°	3000	700	001	0.195	30781	52,50	C

Dati fotometrici - *Photometric data*



8,4W - LED 25°

3000K

	25°	Emax
Ø 0.48 m	1 m	2520 lux
Ø 1.05 m	2 m	630 lux
Ø 1.42 m	3 m	157 lux

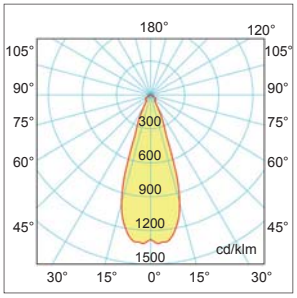
6000K

	25°	Emax
Ø 0.48 m	1 m	3780 lux
Ø 1.05 m	2 m	945 lux
Ø 1.42 m	3 m	236 lux

13W - LED 25°

3000K

	25°	Emax
Ø 0.45 m	1 m	1100 lux
Ø 0.90 m	2 m	290 lux
Ø 1.33 m	3 m	76 lux



8,4W - LED 45°

3000K

	45°	Emax
Ø 0.88 m	1 m	410 lux
Ø 1.78 m	2 m	104 lux
Ø 2.48 m	3 m	26 lux

6000K

	45°	Emax
Ø 0.88 m	1 m	703 lux
Ø 1.78 m	2 m	175 lux
Ø 2.48 m	3 m	44 lux

13W - LED 40°

3000K

	40°	Emax
Ø 1.52 m	1 m	605 lux
Ø 3.20 m	2 m	160 lux
Ø 5.60 m	3 m	40 lux

Led Firma

Firma LED è un incasso con ottica arretrata orientabile ideale per gli ambienti commerciali, residenziali e in qualsiasi ambiente dove è necessario un'illuminazione spot e d'accento senza abbagliamento.
Un apparecchio semplice ma efficace a base quadrata con cornice bianca e interno nero ideale per sostituire apparecchi con sorgenti dicroiche da 35W. Disponibile in due versioni, a 12v completo di alimentatore DC (KIT) e a 230v da alimentare direttamente con la tensione di rete.
Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono Firma LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare oltre il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.
Firma LED l'incasso elegante e pratico.

Installazione: incasso

Materiali: Corpo alluminio pressofuso. Verniciatura di tipo poliestere eseguita a polvere.

Sorgente: a scelta tra LED 8,4W 25° e 45° 3000K o 6000K 12v e LED 13W 25° 3000K 230v.

Colori: Disponibile nei colori verniciati bianco.

Alimentazione: elettronica Relco inclusa nel KIT 12v, non necessaria nel modello a 230v.

Firma LED is a downlighter with adjustable optic in rear position, ideal for residential and retail environments, and for any other space that requires accent spot lighting without glare. It is a simple, yet effective fixture with square body, white frame and black internal side, ideal to replace luminaires with 35W dichroic lamps. Available in two versions, 12v with DC power supply (KIT) and 230v directly powered from mains voltage.
The ultra-low energy consumption and the duration of over 30,000 hours make Firma LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.
Firma LED, the elegant, practical downlighter.

Installation: *recessed*

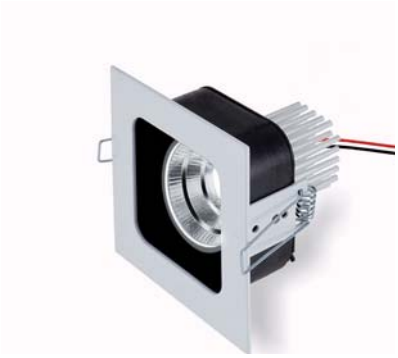
Materials: *Die-cast aluminium body. Polyester powder coating.*

Light source: *LED 8.4W 25° and 45° 3000K or 6000K 12v and LED 13W 25° 3000K 230v.*

Colours: *Available in white painted colours.*

Power supply: *Relco electronics included in KIT 12v, not necessary in 230v model.*

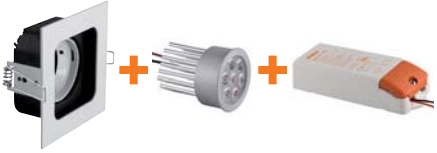
Firma Led - 230V



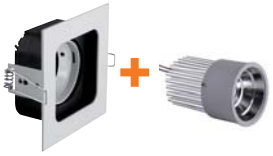
Kit Firma Led

Descrizione - *Description*

Kit Firma Led



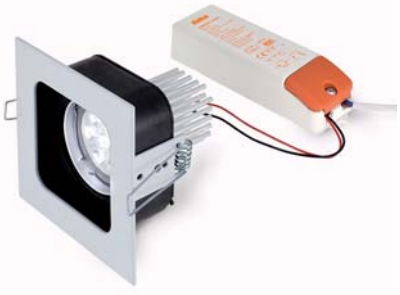
Firma Led 230V

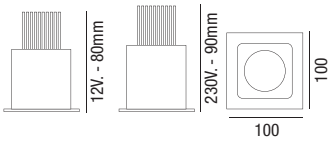


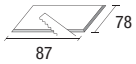
DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

IK04 IP20

Kit Firma Led







HIGHT EFFICENCY

> 30.000 h 8,4W LED ≈ 1.500 h 50W

FIX ±0°

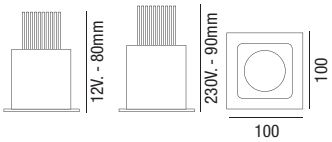
INCLUDED

colour	W		K	Lm	pcs	Kg	CELL	Euro cad.	
B	8,4	7LED 25°	6000	840	001	0.400	30770	63,00	C
B	8,4	7LED 25°	3000	650	001	0.400	30771	63,00	C
B	8,4	7LED 45°	6000	840	001	0.400	30772	63,00	C
B	8,4	7LED 45°	3000	650	001	0.400	30773	63,00	C

230V 50HZ

IK04 IP20

Firma Led 230V

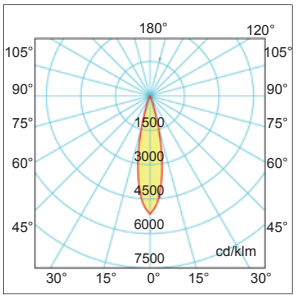


> 30.000 h 13W LED ≈ 1.500 h 50W

FIX ±0°

colour	W		K	Lm	pcs	Kg	S+L	Euro cad.	
B	13	1LED 25°	3000	700	001	0.278	30774	52,50	C
B	13	1LED 40°	3000	700	001	0.278	30775	52,50	C

Dati fotometrici - *Photometric data*



8,4W - LED 25°

3000K

	25°	Emax
Ø 0.48 m	1 m	2520 lux
Ø 1.05 m	2 m	630 lux
Ø 1.42 m	3 m	157 lux

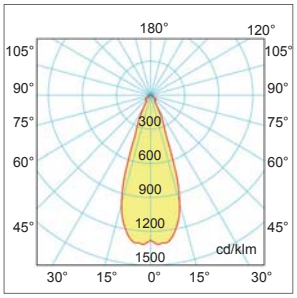
6000K

	25°	Emax
Ø 0.48 m	1 m	3780 lux
Ø 1.05 m	2 m	945 lux
Ø 1.42 m	3 m	236 lux

13W - LED 25°

3000K

	25°	Emax
Ø 0.45 m	1 m	1100 lux
Ø 0.90 m	2 m	290 lux
Ø 1.33 m	3 m	76 lux



8,4W - LED 45°

3000K

	45°	Emax
Ø 0.88 m	1 m	410 lux
Ø 1.78 m	2 m	104 lux
Ø 2.48 m	3 m	26 lux

6000K

	45°	Emax
Ø 0.88 m	1 m	703 lux
Ø 1.78 m	2 m	175 lux
Ø 2.48 m	3 m	44 lux

13W - LED 40°

3000K

	40°	Emax
Ø 1.52 m	1 m	605 lux
Ø 3.20 m	2 m	160 lux
Ø 5.60 m	3 m	40 lux

Led Direction - LED Beautylight

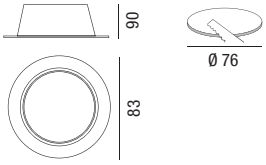
LEDlight

LED Kit Direction
Led di potenza adatti per musei, negozi, esposizioni.
Nessuna emissione di UV o infrarossi (non scoloriscono o scaldano gli oggetti, quadri etc..)
Faretto da incasso orientabile per interni con sorgente luminosa Led tipo Dicro Powerled. Adatto per illuminazione domestica, negozi ed albeghi, bassi consumi con elevato risparmio energetico nel tempo con una durata di oltre 30.000 ore.
Installazione: in controsoffitti tramite molle in acciaio in dotazione, facilità di installazione, di lunga durata non richiede alcuna manutenzione, garantito 5 anni.
Corpo: alluminio pressofuso verniciato
Orientabilitá: verticale 45°
Diffusore: gruppo ottico in acrilico
Kit Direction power LED, già cablato, è composto da: faretto, alimentatore, lampada LED.

Powerled suitables for museums, show rooms, exposures. No UV or irradiation in the beam (object are not discoloured or heated)
Orientable spot light for inside with bright Led type Dicro Powerled. Proper for domestic illumination, shops and hotels, low consumption with elevate energy saving in the time with a life of over 30.000 hours
Installation: *in ceiling through steel springs included, facility of installation, of long duration and doesn't request any maintenance guaranteed 5 years.*
Body: *Fused Aluminium and painted.*
Orientation: *vertical 45°.*
Diffuser: *Optic in acrylic.*
Kit Direction power LED completes of: Spot, transformer, lamp LED; alreadyconnected.

230V 50Hz F 850° **IK04** **IP20**

LED Direction GU10



> 30.000 h ≈ 2.000 h
5,8W LED — 40W

S C O

GARANZIA 5 anni GUARANTEED

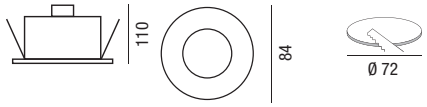
DIMMERABILE DIMMABLE — Regolabili con specifici dimmer Leuci *Dimmable with specific Leuci dimmer only*

45° 45° ±45°

colour	W		K	Lm	Cd	pcs	Kg	S+L	Euro cad.
B	5,8	GU10 LED 30°	6000	320	668	010	0.27	30627	31,50
B	4	GU10 LED 45°	3000	330	1070	010	0.27	30623	36,75
C	5,8	GU10 LED 30°	6000	320	668	010	0.27	30628	31,50
C	4	GU10 LED 45°	3000	330	1070	010	0.27	30624	36,75
S	5,8	GU10 LED 30°	6000	320	668	010	0.27	30629	31,50
S	4	GU10 LED 45°	3000	330	1070	010	0.27	30625	36,75
O	5,8	GU10 LED 30°	6000	320	668	010	0.27	30630	31,50
O	4	GU10 LED 45°	3000	330	1070	010	0.27	30626	36,75

110-240V 50Hz F M M 850° **IP55**

Kit Beautylight power LED



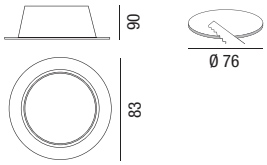
GARANZIA 5 anni GUARANTEED

> 30.000 h ≈ 1.500 h
9W LED — 35W

colour	W			Lm	K	pcs	Kg	CELL	Euro cad.
B	9	30°	B 3x3W LED	705	6000	001	0.60	30610	42,00 C
B	9	30°	B 3x3W LED	480	3000	001	0.60	30611	42,00 C
C	9	30°	B 3x3W LED	705	6000	001	0.60	30616	42,00 C

230V 50HZ IK04 IP20

Kit Direction powerled MR16



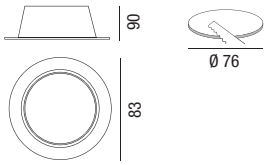
> 30.000 h ≈ 1.500 h
9W LED 35W

45° 45° ±45°

colour	W	mA	Valim		Lm	K	pcs	Kg	CELL	Euro cad.	
B	9	700	110-240Vac	B 3Wx3 LED	705	6000	001	0.60	30609	42,00	C
B	9	700	110-240Vac	B 3Wx3 LED	480	3000	001	0.60	30608	42,00	C
B	9	700	110-240Vac	B 3Wx3 LED	100	-	001	0.60	30617	54,60	C

230V 50HZ IK04 IP20

Kit Direction DIM powerled MR16



> 30.000 h ≈ 1.500 h
9W LED 35W

Dimmer NON incluso
Dimmer NOT included

Regolazione possibile con qualsiasi dimmer
Dimming possible with any dimmer

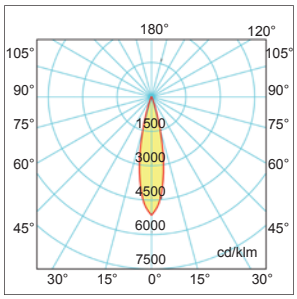
45° 45° ±45°

colour	W	mA	Valim		Lm	K	pcs	Kg	CELL	Euro cad.	
B	9	700	110-240Vac	B 3Wx3 LED	705	6000	001	0.60	30635	59,85	C
B	9	700	110-240Vac	B 3Wx3 LED	480	3000	001	0.60	30633	59,85	C
S	9	700	110-240Vac	B 3Wx3 LED	705	6000	001	0.60	30636	59,85	C
S	9	700	110-240Vac	B 3Wx3 LED	480	3000	001	0.60	30634	59,85	C

C Confezione in cartone
Carton casing

Dati fotometrici - *Photometric data*

9W - LED



3000K

		Emax
Ø 0.54 m	1 m	1920 lux
Ø 1.07 m	2 m	480 lux
Ø 1.60 m	3 m	213 lux

6000K

		Emax
Ø 0.54 m	1 m	2820 lux
Ø 1.07 m	2 m	705 lux
Ø 1.60 m	3 m	313 lux

Sistema trifase - *Three phases system*

Binario esterno
External track

Il sistema a binario trifase di Leonardo Luce Italia ed i suoi accessori sono compatibili con tutti i prodotti che montano l'adattatore a binario trifase universale.

Corpo: alluminio estruso (binari), policarbonato (giunzioni e adattatore), acciaio

Verniciatura: di tipo poliestere, eseguita a polvere, bianco RAL 9010, grigio satinato o nero RAL 9005

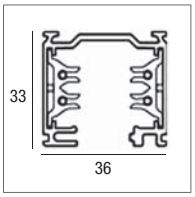
The Leonardo Luce Italia three phases track system and its accessories are compatible with all products that mount a universal three phase track adapter.

Body: *extruded aluminium (Tracks), polycarbonate (joints and adapters), steel*

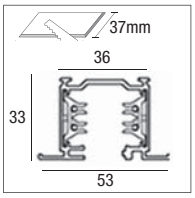
Coating: *coated with powered polyester, white RAL 9010, gray brushed or black RAL9005.*

Binario ad incasso a scomparsa
Hidden in-built track

Binario con testata - *Track with end cap*



colour	A	mm	pcs	Kg	sx/dx
B	16	1000	001	1.40	7511-10-31
G	16	1000	001	1.40	7511-10-42
B	16	2000	001	2.70	7511-20-31
G	16	2000	001	2.70	7511-20-42
N	16	2000	001	2.70	7511-20-30
B	16	3000	001	4.00	7511-30-31
G	16	3000	001	4.00	7511-30-42
N	16	3000	001	4.00	7511-30-30
B	16	4000	001	5.30	7511-40-31
G	16	4000	001	5.30	7511-40-42

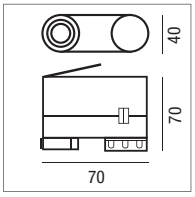


colour	A	mm	pcs	Kg	incasso/recessed
B	16	1000	001	1.60	7512-10-B
B	16	2000	001	2.70	7512-20-B
B	16	3000	001	4.00	7512-30-B

Chiusura - *Dead end*

colour	pcs	Kg	sx/dx
B	010	-	7659-00-W31
G	010	-	7659-00-W20
N	010	-	7659-00-W30

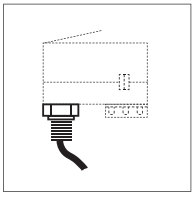
Adattatore elettrico e meccanico - *Electrical or mechanical adapter*



colour	A		pcs	Kg	sx/dx
B	6	max 5Kg	010	0.07	7601-00-W31
G	6	max 5Kg	010	0.07	7601-00-W20

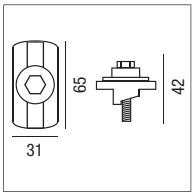
Cavo - *Wire*: H03VV - F 3x75mm^2

Raccordo per adattatore M10X1 - *Adapter fitting M10X1*



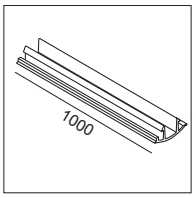
colour	A		pcs	Kg	sx/dx
-	-	-	010	-	7609-00-00

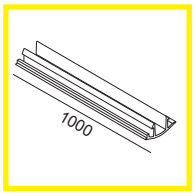
Adattatore meccanico - *Mechanical adapter*



colour		pcs	Kg	sx/dx
B	max 5Kg	001	0.08	7625-00-31
G	max 5Kg	001	0.08	7625-00-52

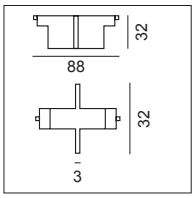
Copertura binario 1000mm - *Track cover 1000mm*





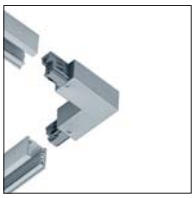
colour	pcs	Kg	incasso/recessed
B	001	0.03	7624-00-31
B	001	0.03	7659-00-B

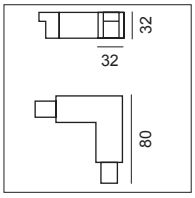
Giunto lineare - *Linear joint*



colour	A	pcs	Kg	sx/dx	incasso/recessed
B	16	001	0.03	7604-10-W31	
B	16	001	0.03		7604-10-W-B

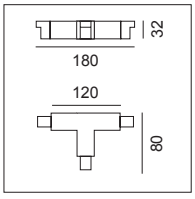
Giunto L - *L joint*





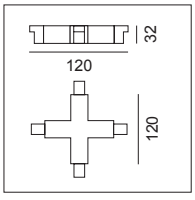
colour	A		pcs	Kg	interno/internal	esterno/external
B	16		004	0.11	7655-10-W31	7655-11-W31
G	16		004	0.11	7655-10-W20	7655-11-W20
B	16	incasso/recessed	001	0.11	7655-10-W-B	7655-11-W-B

Giunto T - *T joint*



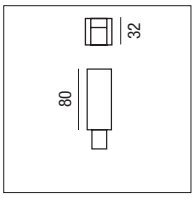
colour	A		pcs	Kg	sx	dx
B	16		002	0.16	7656-11-W31	7656-10-W31
G	16		002	0.16	7656-11-W20	7656-10-W20
B	16	incasso/recessed	001	0.16	7656-11-W-B	7656-10-W-B

Giunto X - *X joint*



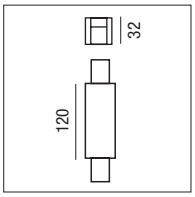
colour	A		pcs	Kg	sx/dx
B	16		001	0.21	7657-10-W31
G	16		001	0.21	7657-10-W20
B	16	incasso/recessed	001	0.21	7657-10-W-B

Alimentatore - *Power supply*



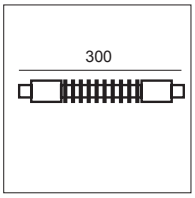
colour	A		pcs	Kg	sx	dx
B	16		001	0.07	7652-11-W31	7652-10-W31
G	16		001	0.07	7652-11-W20	7652-10-W20
B	16	incasso/recessed	001	0.07	7652-11-W-B	7652-10-W-B

Alimentatore giunto centrale - *Central joint power supply*



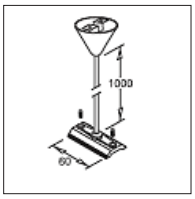
colour	A	pcs	Kg	sx/dx
B	16	001	0.11	7653-10-W31
G	16	001	0.11	7653-10-W20
B	16	001	0.11	7653-10-W-B

Giunto flessibile - *Flexible joint*



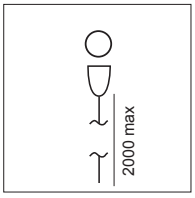
colour	A	pcs	Kg	sx/dx
B	16	001	0.17	7658-10-W31
G	16	001	0.17	7658-10-W20
B	16	001	0.17	7658-10-W-B

Kit sospensione rigida 1000 mm. - *Rigid suspension kit 1000 mm.*



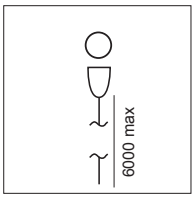
colour		pcs	dm³	Kg	Code
T	Traslucido/*Translucid*	001	1.20	0.33	7626-00-00

Kit sospensione cavo acciaio 2000 mm. e bloccacavo - *Steel cable suspension kit 2000 mm. and cable lock*



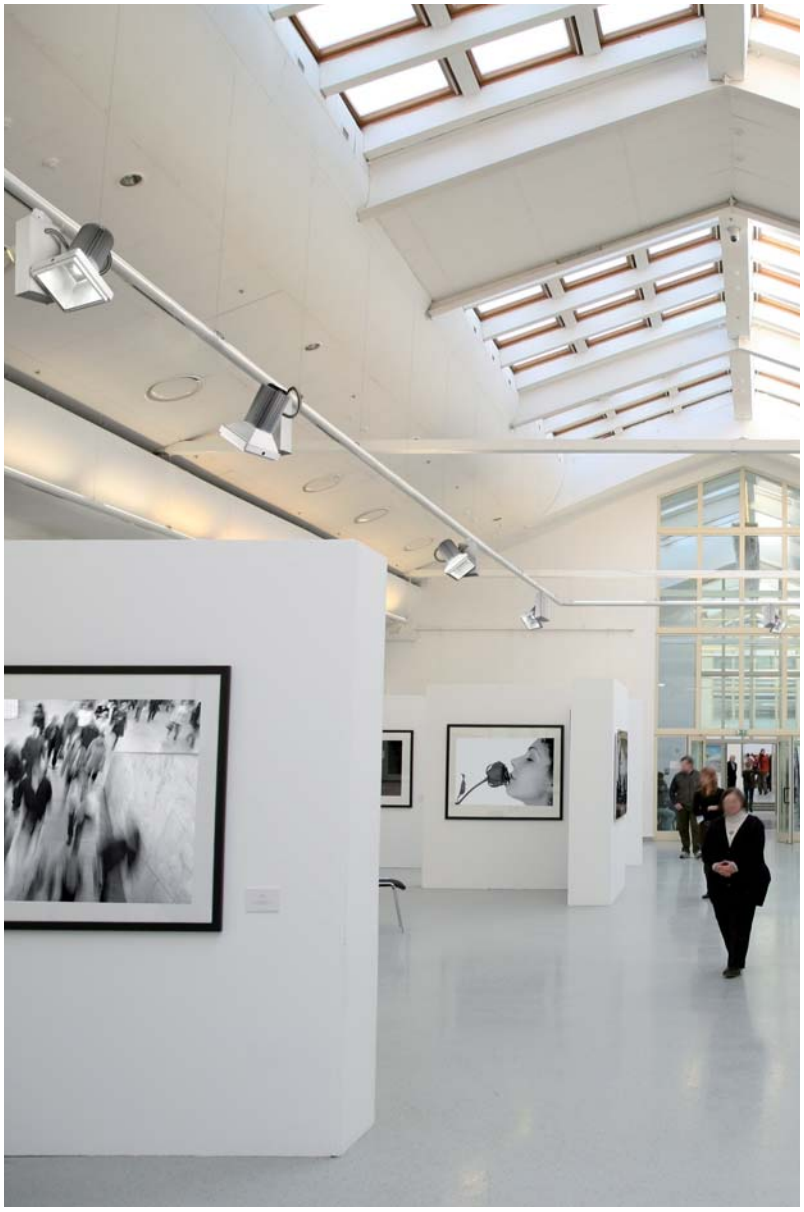
colour	pcs	Kg	Code
B	001	0.05	7606-06-31

Kit sospensione cavo acciaio 6000 mm. e bloccacavo - *Steel cable suspension kit 6000 mm. and cable lock*



colour	pcs	Kg	Code
B	001	0.05	7606-60-31

LED Axolute C/Q Chameleon



Proiettore orientabile a LED di potenza con tecnologia C.O.B. (chip on board) dalle alte prestazioni illuminotecniche ideale per ambienti commerciali (retail, supermercati, grandi magazzini, showroom, bar, locali), gallerie d'arte, ambienti museali e storici e in qualsiasi ambiente dove è necessario una illuminazione spot direzionabile.
Super Axolute ha una forma ed una estetica tecnica dettata dai materiali necessari per comporlo che permette di accostarsi bene a qualsiasi stile architettonico. Il bassissimo consumo di energia e la durata di oltre 30.000 ore rendono Super Axolute ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare il 40% di energia sostituendo la maggior parte dei proiettori con sorgenti a ioduri metallici o circa il 70% rispetto ai proiettori con sorgenti ad alogeni, annullando i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.
Super Axolute fa della tecnologia e dell'efficienza i suoi valori principali.

Può essere applicato a: soffitto, parete, su binario trifase

Corpo: in alluminio verniciato.

Dissipatore: in lega di alluminio e raffreddamento con pompa a membrana.

Ottica: secondaria costituita da riflettore in alluminio puro 99,98% con angolo di emissione di 60°.

Colori: disponibile nei colori verniciati bianco RAL 9010, grigio RAL 9006 per la versione con attacco a binario trifase, e bianco RAL 9010, grigio RAL 9006 e nero RAL 9005 per la versione con attacco a parete/soffitto.

Accessori non inclusi: diffusore satinato, opalino e correttore di temperatura di colore.

Sorgente: LED Multichip di potenza. Temperatura di colore standard 3000K.

A richiesta: bianco Neutro (4000K).

Alimentazione: elettronica Relco inclusa

Possibilità di regolazione dell'intensità luminosa (Super Axolute C).

Adjustable power LED spotlight with COB (chip-on-board) technology and high lighting performance, ideal for use in commercial environments (retail stores, supermarkets, department stores, showrooms, cafés, bars), art galleries, museums and historical venues, and any environment requiring adjustable spot lighting.
The shape and technical design of Super Axolute are determined by the materials comprising it, and enable the luminaire to harmoniously blend into any architectural style. Thanks to its ultra-low energy consumption and duration of over 30.000 hours, Super Axolute is ideal for combining long-lasting illumination without excessive energy consumption: it is possible to save 40% energy by replacing most spotlights mounting metal halide sources, or roughly 70% compared to spotlights with halogen light sources. In this way, maintenance costs can be eliminated while ensuring increased energy saving.
The core values of Super Axolute are technology and efficiency.

Installation options: *Ceiling-mounted - Wall-mounted - On three-phase track*

Body: *enamelled aluminium.*

Heat sink: *made of aluminium alloy, cooling by means of a diaphragm pump.*

Optic: *secondary optic consisting of a 99.98% pure aluminium reflector with a 60° beam angle.*

Colours: *available in RAL 9010 white or RAL 9006 grey for the three-phase track mount version, and RAL 9010 white, RAL 9006 grey or RAL 9005 black for the wall/ceiling versions.*

Accessories not included: *opal or satin diffuser and colour temperature correction filter.*

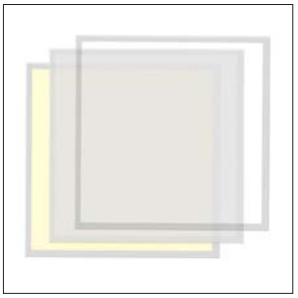
Light source: *multi-chip power LED. Standard colour temperature 3000K.*

On request: *Neutral White (4000K).*

Power supply: *Relco electronic ballast included.*

Dimmable (Super Axolute C).

Accessori non inclusi - *Accessories not included*



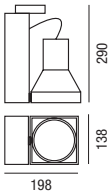
Cod. 32470
Filtro opalino bianco in policarbonato
White opal polycarbonate filter

Cod. 32471
Filtro satinato antiabbagliante in policarbonato
Anti-glare satin polycarbonate filter

Cod. 32472
Filtro di correzione temperatura di colore (4000>3000K)
Colour temperature correction filter (4000>3000K)

230-240V 50Hz IK07 IP20

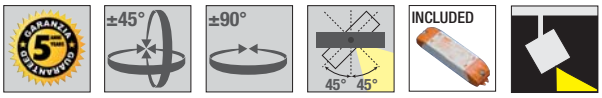
LED Axolute Q1Chameleon



> 30.000 h	3.000 h	> 30.000 h	10.000 h	> 30.000 h	1.500 h	> 30.000 h	1.500 h
25W LED	100W	40W LED	70W	50W LED	100W	65W LED	150W

La garanzia di 5 anni si riferisce alla sola sorgente luminosa

The 5 year guarantee is for the light source only

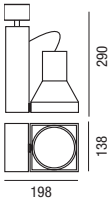


colour	W	mA		lm	K		pcs	Kg	CELL	Euro cad.
B	1x40*	1200	B 1 LED MULTICHIP	3200	3000 4k	60° (20°-40°)	001	1.90	32458	359,10
G	1x50*	1400		4000					32459	362,25
B	65		B 1 LED MULTICHIP	4800	3000 4k	60° (20°-40°)	001	1.90	32460	342,30
G	65	1800	B 1 LED MULTICHIP	4800	3000 4k	60° (20°-40°)	001	1.90	32461	346,50

* Con alimentatore Multipower - *With Multipower power supply*

4k a richiesta temperatura di colore 4000°K - on request color temperature 4000°K

LED Axolute C1 Chameleon

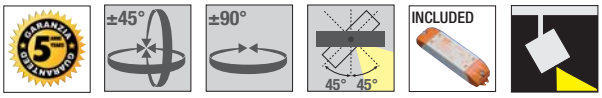


DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

> 30.000 h	3.000 h	> 30.000 h	10.000 h	> 30.000 h	1.500 h	> 30.000 h	1.500 h
25W LED	100W	40W LED	70W	50W LED	100W	65W LED	150W

La garanzia di 5 anni si riferisce alla sola sorgente luminosa

The 5 year guarantee is for the light source only



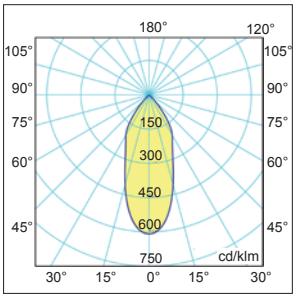
colour	W	mA		lm	K		pcs	Kg	CELL	Euro cad.
B	1x40*	1200	B 1 LED MULTICHIP	3200	3000 4k	60° (20°-40°)	001	1.90	32462	370,65
G	1x50*	1400		4000					32463	385,35
N									32464	372,75
B	65		B 1 LED MULTICHIP	4800	3000 4k	60° (20°-40°)	001	1.90	32465	353,85
G	65		B 1 LED MULTICHIP	4800	3000 4k	60° (20°-40°)	001	1.90	32466	368,55
N	65		B 1 LED MULTICHIP	4800	3000 4k	60° (20°-40°)	001	1.90	32467	357,00

* Con alimentatore Multipower - *With Multipower power supply*

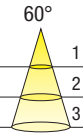
4k a richiesta temperatura di colore 4000°K - on request color temperature 4000°K

Dati fotometrici - *Photometric data*

DIAGRAMMA POLARE/ *POLAR DIAGRAM:*
40W LED MULTICHIP - **50W** LED MULTICHIP -**65W** LED MULTICHIP

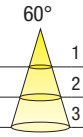


4000K - 40W



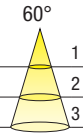
		Emax
Ø 2.30 m	1 m	1968 lux
Ø 4.40 m	2 m	492 lux
Ø 6.80 m	3 m	218 lux

4000K - 50W



		Emax
Ø 2.30 m	1 m	2270 lux
Ø 4.40 m	2 m	569 lux
Ø 6.80 m	3 m	159 lux

4000K - 65W



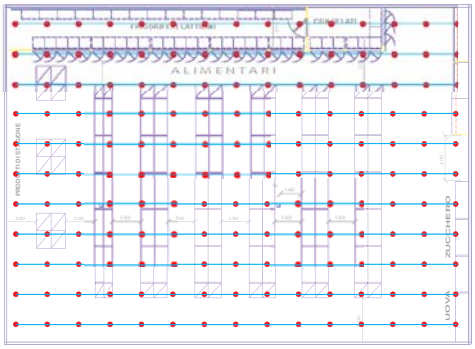
		Emax
Ø 2.30 m	1 m	2950 lux
Ø 4.40 m	2 m	740 lux
Ø 6.80 m	3 m	202 lux

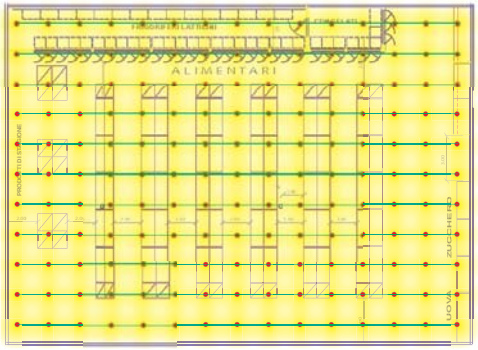
LED Axolute Q1 Chameleon

Super Axolute emette un fascio luminoso a forma quadrata e con un alto livello di uniformità in ogni suo punto. Sui normali proiettori, è necessario sovrapporre i coni per ottenere omogeneità luminosa (fig.1). Con questa tecnologia, è sufficiente affiancare i quadri per ottenere una illuminazione omogenea (fig.2).
Ciò permette di impiegare un numero inferiore di proiettori, e di avere una migliore distribuzione della luce (fig.3).

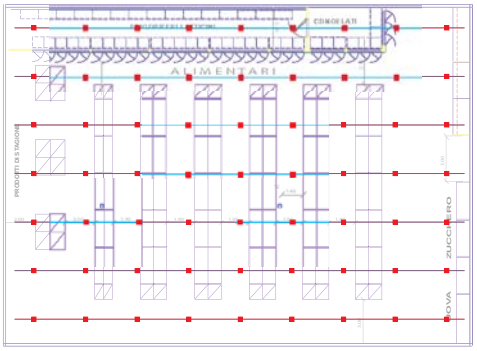
Super Axolute emit a bright beam in a square shape with a high degree of uniformity in all points. On normal floodlights is required to superimpose the cones to get bright homogeneity (fig.1). With this tecnology it's sufficient to place the square side to get bright lighting (fig.2).
It permits to use a lower number of floodlights and to have a better light distribution (fig.3).

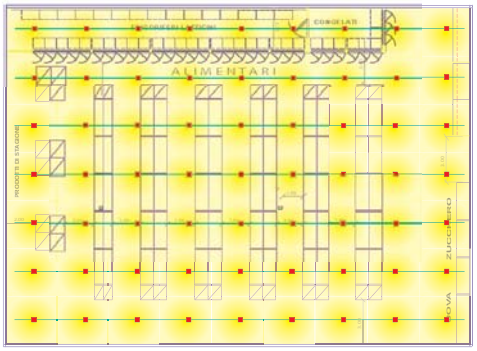
progetto con diffuse tondo
project with round diffuser (fig.1)



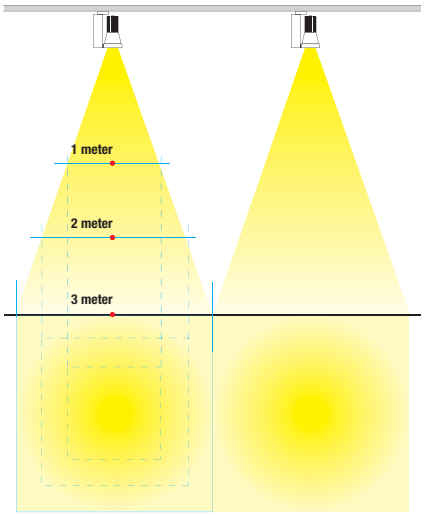


progetto con diffuse quadro
project with square diffuser (fig.2)





(fig.3)



1 meter - min.1291lux-max 2950lux
2 meter - min.322lux-max 740lux
3 meter - min.143lux-max 202lux

LED Retail

Serie di faretti di forma geometrica semplice ma originale, in applicazione soffitto o applique di forma tonda a cubo o cono, di facile applicazione e ottima come luce direzionale ad illuminare spazi commerciali o ambienti domestici.
Disponibili nei colori, bianco, grigio e nero.
Adatti per musei , negozi, esposizioni, nessuna emissione di raggi UV o infrarossi (col tempo non scoloriscono ne scaldano gli oggetti).

Corpo: in lega di alluminio ossidato verniciata a polvere in colore Bianco RAL9010, Grigio satinato RAL9006, Nero RAL9005 o Oro.

Diffusore: con lente acrilica prismatizzata e vetro di protezione

A series of spotlights whose shapes are simple yet original. Ceiling or wall mounted, round, cube or cone shaped, easy to set up and perfect as directional lighting for illuminating stores or the home.
Available in white, grey and black.
Perfect for museums, shops and exhibitions. Does not give off UV or infrared rays (lit objects will not discolour nor heat up over time).

Body: *in powder coated stainless aluminium alloy and available in RAL9010 White, RAL9006 Grey, RAL9005 Black or Gold.*

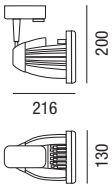
Diffuser: *prismatic acrylic lens and safety glass*

Colori - *Color*

LED Retail MC a binario

230V 50Hz IK07 IP20

LED Retail binario



> 30.000 h 27W LED ≈ 3.000 h 100W G53

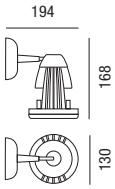
B S N

Incorporato *Incorporated*

±90° ±45° INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
B	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	0.76	32445	146,48
B	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	0.76	32446	143,33
N	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	0.76	32447	146,48
N	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	0.76	32448	143,33
S	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	0.76	32449	146,48
S	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	0.76	32450	143,33
0	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	0.76	32469	146,48
0	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	0.76	32504	143,33

LED Retail W-C



0÷10V **DIMMERABILE A RICHIESTA**
DIMMABLE ON REQUEST

> 30.000 h 27W LED ≈ 3.000 h 100W G53

B S N

±180° ±90° ±355° INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
B	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	0.90	32473	137,66
B	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	0.90	32474	134,40
N	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	0.90	32475	137,66
N	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	0.90	32476	134,40
S	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	0.90	32477	137,66
S	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	0.90	32478	134,40
0	27 (10-14)	700	B 3Wx9 LED	6000	1889	30° (15°-45°)	001	0.90	32506	137,66
0	27 (10-14)	700	B 3Wx9 LED	3000	1360	30° (15°-45°)	001	0.90	32508	134,40

LED Retail MC

Disponibile con sorgente R111MC 30W con 1 LED Multichip, aggiungere **/MC** dopo il codice:
(es. 32445 - 32445**/MC**).

*Available with source R111MC 30W with 1 multichip LED, add **/MC** after the code:*
(eg. 32445 - 32445/MC).

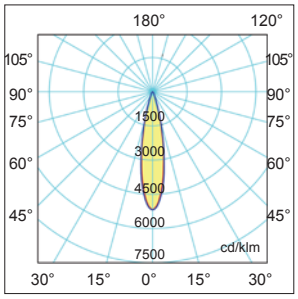
W	mA		K	Lm	
30	700	B 1LED MULTICHIP	6000	2400	25° (40°)
30	700	B 1LED MULTICHIP	3000	2040	25° (40°)

Referenze/*Reference:* polo culturale “Il Mulino di Vione” Basiglio (MI)

Orientabilità - *Adjustability*

Dati fotometrici LED - *LED Photometric data*

10W LED-350mA - 14W LED-500mA - 27W LED-700mA



6000K - 10W

30°

		Emax
Ø 0.37 m	1 m	4410 lux
Ø 0.74 m	2 m	1104 lux
Ø 1.11 m	3 m	491 lux

6000K- 14W

30°

		Emax
Ø 0.37 m	1 m	6194 lux
Ø 0.74 m	2 m	1580 lux
Ø 1.11 m	3 m	680 lux

6000K- 27W

30°

		Emax
Ø 0.37 m	1 m	8172 lux
Ø 0.74 m	2 m	2043 lux
Ø 1.11 m	3 m	908 lux

6000K- 30W

25°

		Emax
Ø 0.45 m	1 m	5862 lux
Ø 0.90 m	2 m	1306 lux
Ø 1.33 m	3 m	292 lux

3000K- 10W

30°

		Emax
Ø 0.37 m	1 m	3150 lux
Ø 0.74 m	2 m	788 lux
Ø 1.11 m	3 m	350 lux

3000K- 14W

30°

		Emax
Ø 0.37 m	1 m	4410 lux
Ø 0.74 m	2 m	1104 lux
Ø 1.11 m	3 m	490 lux

3000K- 27W

30°

		Emax
Ø 0.37 m	1 m	5832 lux
Ø 0.74 m	2 m	1485 lux
Ø 1.11 m	3 m	648 lux

3000K- 30W

25°

		Emax
Ø 0.45 m	1 m	5097 lux
Ø 0.90 m	2 m	1135 lux
Ø 1.33 m	3 m	260 lux

LED Semplice (no driver)

Piccolo proiettore orientabile a LED di potenza, ideale per ambienti commerciali (retail, supermercati, grandi magazzini, showroom, bar, locali), gallerie d'arte, ambienti museali e storici e in qualsiasi ambiente dove è necessario una illuminazione spot direzionabile.
Come la maggior parte dei LED non ha emissioni di raggi UV e infrarossi, tutelando i prodotti da illuminare, soprattutto nell'ambito dell'abbigliamento e del museale.
Semplice ha una linea essenziale contraddistinta da due diverse misure della staffa da scegliere in base alle necessità illuminotecniche.
Il bassissimo consumo di energia e la durata di oltre 30.000 ore rendono Semplice LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare energia sostituendo proiettori con sorgenti ad alogeni in particolar modo le AR111, annullando i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.
Semplice LED fa della semplicità e dell'efficienza i suoi valori principali.
Semplice e unica.

Può essere applicato a: binario trifase, a parete plafone, **senza utilizzo di alimentatore**

Corpo: in aluminio vernicitato.

Colori: disponibile nei colori verniciati bianco RAL 9010, nero RAL 9005, grigio RAL 9006

Sorgente: LED di potenza. Temperatura di colore standard 3000K.

Adjustable power LED spotlight. Ideal for use in commercial settings (retail stores, supermarkets, department stores, showrooms, cafés, bars), art galleries, museums and historical venues, or any other environment requiring adjustable spot lighting.

Like most LEDs, it does not emit UV rays or infra-red radiation, so the objects or products you are lighting will not become damaged or discoloured. This is particularly important in clothes stores or museums.

Semplice has smooth, essential lines and two different bracket sizes are available depending on your lighting requirements.

Ultra-low energy consumption coupled with a duration of over 30,000 hours makes Semplice LED ideal for long-lasting lighting without excessive energy consumption. You can save even more energy by replacing fluorescent lamps with AR111 ones and also cut maintenance costs at the same time.

The core values of Semplice LED are its simplicity (as its name suggests) and efficiency.

Simple and unique.

Can be fitted to:** three-phase tracks, wall or cieling **(power supply not required)

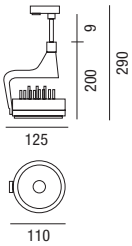
***Body:** enamelled aluminium.*

***Colours:** available in RAL 9010 white, RAL 9005 black and RAL 9006 grey.*

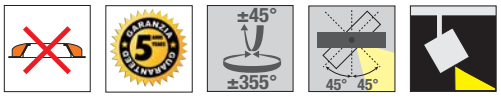
***Light source:** Power LED. Standard colour temperature 3,000K.*

230-240V 50Hz IK07 IP20

LED Semplice 1



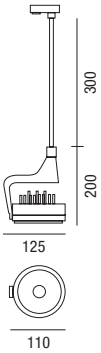
> 30.000 h 13W LED ≈ 3.000 h 50W G53



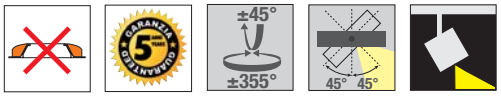
colour	W			K	Lm	pcs	Kg	CELL	Euro cad.
B	13	25°	B 1 LED SEOUL	3000	700 (1400*)	001	0.72	31218	143,33
G	13	25°	B 1 LED SEOUL	3000	700 (1400*)	001	0.72	31219	143,33
N	13	25°	B 1 LED SEOUL	3000	700 (1400*)	001	0.72	31220	143,33
B	13	40°	B 1 LED SEOUL	3000	600 (1200*)	001	0.72	31281	143,33
G	13	40°	B 1 LED SEOUL	3000	600 (1200*)	001	0.72	31282	143,33
N	13	40°	B 1 LED SEOUL	3000	600 (1200*)	001	0.72	31283	143,33

* Dalle produzioni di Novembre 2013 i **Lm** (Lumen) raddoppieranno, la potenza rimarrà identica
*from November 2013 lamps will have double **Lm** (Lumen), the power will remain the same.*

LED Semplice 2



> 30.000 h 13W LED ≈ 3.000 h 50W G53



colour	W			K	Lm	pcs	Kg	CELL	Euro cad.
B	13	25°	B 1 LED SEOUL	3000	700 (1400*)	001	0.90	31221	158,76
G	13	25°	B 1 LED SEOUL	3000	700 (1400*)	001	0.90	31222	158,76
N	13	25°	B 1 LED SEOUL	3000	700 (1400*)	001	0.90	31223	158,76
B	13	40°	B 1 LED SEOUL	3000	600 (1200*)	001	0.90	31284	158,76
G	13	40°	B 1 LED SEOUL	3000	600 (1200*)	001	0.90	31285	158,76
N	13	40°	B 1 LED SEOUL	3000	600 (1200*)	001	0.90	31286	158,76

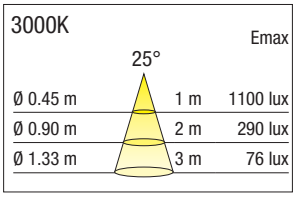
* Dalle produzioni di Novembre 2013 i **Lm** (Lumen) raddoppieranno, la potenza rimarrà identica
*from November 2013 lamps will have double **Lm** (Lumen), the power will remain the same.*

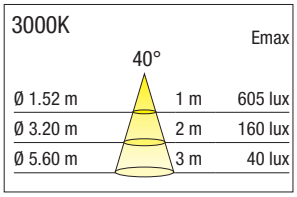
LED Semplice 1 e 2

Orientabilità - *Adjustability*

Colori - *Color*

Dati fotometrici LED - *LED Photometric data*





LED Elle

Proiettore orientabile a LED di potenza ideale per ambienti commerciali (retail, supermercati, grandi magazzini, showroom, bar, locali), gallerie d'arte, ambienti museali e storici e in qualsiasi ambiente dove è necessario una illuminazione spot direzionabile.

Come la maggior parte dei LED non ha emissioni di raggi UV e infrarossi, tutelando i prodotti da illuminare, soprattutto nell'ambito dell'abbigliamento e del museale.

Elle LED ha una forma geometrica semplice ma di design che permette di accostarsi bene a qualsiasi stile architettonico, soprattutto con ambienti eleganti.

Il bassissimo consumo di energia e la durata di oltre 30.000 ore rendono Elle LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare energia sostituendo alcuni proiettori con sorgenti a ioduri metallici e soprattutto quelli con sorgenti ad alogeni, annullando i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

Elle LED fa del Design e dell'efficienza i suoi valori principali.

Può essere applicato a: binario trifase

Corpo: in lega di aluminio verniciato.

Colori: Disponibile nei colori verniciati bianco RAL 9010 e grigio RAL 9006

Sorgente: LED di potenza 27W. Temperatura di colore standard 3000K e 6000K

Alimentazione: elettronica Relco inclusa

Adjustable power LED spotlight designed for use in commercial environments (retail stores, supermarkets, department stores, showrooms, cafés, bars), art galleries, museums and historical venues, and any other environment requiring adjustable spot illumination.

Similarly to most LEDs, it does not emit UV or infra-red radiation and thus protects the products to be illuminated, especially in clothing and museum applications.

Elle LED has a straightforward yet design-oriented geometric shape that allows the luminaire to harmoniously blend into any architectural style, especially elegant environments.

Its ultra-low energy consumption coupled with a duration of over 30.000 hours make Elle LED an ideal solution for long-lasting and low-consumption illumination: energy can be saved by replacing some spotlights mounting metal halide sources and, above all, halogen sources.

In this way, maintenance costs can be eliminated while ensuring increased energy saving.

The core values of Elle LED are design and efficiency.

***Installation options:** on three-phase track*

***Body:** enamelled aluminium alloy.*

***Colours:** Available in the RAL 9010 white and RAL 9006 grey versions.*

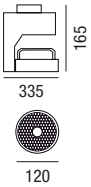
Light source: 27W power LED. Standard colour temperature 3.000K and 6.000K.

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

230-240V 50Hz

IK07 IP20

LED Elle



> 30.000 h 27W LED ≈ 3.000 h 100W G53

±90°

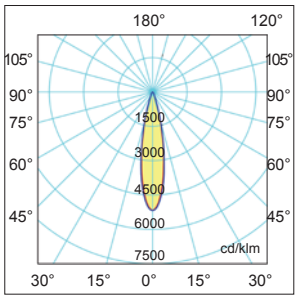
45° 45°

INCLUDED

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro cad.
B	27 (10-14)	700	B 3W x 9LED	6000	1.889	30° (15°)	001	0.80	30655	129,15
B	27 (10-14)	700	B 3W x 9LED	3000	1.360	30° (15°)	001	0.80	30654	129,15
B	27 (10-14)	700	B 3W x 9LED	6000	1.889	45°	001	0.80	30657	129,15
B	27 (10-14)	700	B 3W x 9LED	3000	1.360	45°	001	0.80	30656	129,15
B	30	700	B 30W x 1LED	3000	2040	25° (40°)	001	0.80	30667	129,15
B	30	700	B 30W x 1LED	4000	2220	25° (40°)	001	0.80	30668	129,15

Dati fotometrici LED - *LED Photometric*

10W LED-350mA-30° - 14W LED-500mA-30° - 27W LED-700mA-30° - 30W LED-700mA-40°



6000K - 10W

		Emax
Ø 0.37 m	1 m	4410 lux
Ø 0.74 m	2 m	1104 lux
Ø 1.11 m	3 m	491 lux

30°

6000K- 14W

		Emax
Ø 0.37 m	1 m	6194 lux
Ø 0.74 m	2 m	1580 lux
Ø 1.11 m	3 m	680 lux

30°

6000K- 27W

		Emax
Ø 0.37 m	1 m	8172 lux
Ø 0.74 m	2 m	2043 lux
Ø 1.11 m	3 m	908 lux

30°

3000K- 30W

		Emax
Ø 0.45 m	1 m	5097 lux
Ø 0.90 m	2 m	1135 lux
Ø 1.33 m	3 m	260 lux

25°

3000K- 10W

		Emax
Ø 0.37 m	1 m	3150 lux
Ø 0.74 m	2 m	788 lux
Ø 1.11 m	3 m	350 lux

30°

3000K- 14W

		Emax
Ø 0.37 m	1 m	4410 lux
Ø 0.74 m	2 m	1104 lux
Ø 1.11 m	3 m	490 lux

30°

3000K- 27W

		Emax
Ø 0.37 m	1 m	5832 lux
Ø 0.74 m	2 m	1485 lux
Ø 1.11 m	3 m	648 lux

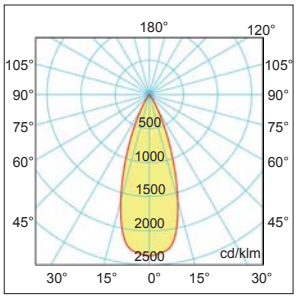
30°

3000K- 30W

		Emax
Ø 1.52 m	1 m	4070 lux
Ø 3.20 m	2 m	908 lux
Ø 5.60 m	3 m	195 lux

40°

27W LED - 700mA - 45°



3000K

		Emax
Ø 0.77 m	1 m	2.916 lux
Ø 1.54 m	2 m	729 lux
Ø 2.30 m	3 m	324 lux

45°

6000K

		Emax
Ø 0.77 m	1 m	4.086 lux
Ø 1.54 m	2 m	1.022 lux
Ø 2.30 m	3 m	454 lux

45°

LED Trifase... Trim - Axolute - Venere - Accent

LED Trim Trifase - LED Axolute - LED Venere EMERGENZA

LED Axolute e LED Trim sono degli apparecchi da binario trifase euro standard disponibili in diverse potenze e ottiche, LED Venere EMERGENZA è un classico apparecchio di emergenza adattato per binario trifase.
Ideali per ambienti commerciali (retail, supermercati, grandi magazzini, showroom, bar, locali), gallerie d'arte, ambienti museali e storici. Axolute LED e Trim LED hanno una forma essenziale che permette loro di accostarsi bene a qualsiasi stile architettonico.
Axolute è disponibile in tre diverse modalità:
- **LED Axolute Vega** 1x e 2x, è disponibile con due potenze base, 27W e 36W con fascio di apertura di 30° e a richiesta a 10w e 14w con fasci opzionali di 15° e 45°. Temperatura di colore 3000K e 6000K. Sorgente LED estraibile.
- **LED Axolute Chameleon** 1x, è disponibile in due versioni, la prima con alimentatore multipower con potenze erogabili 40W e 50W, la seconda da 65W (unipower). Entrambe le versioni prevedono la temperatura di colore di 3000K e il fascio base di 60°, a richiesta da 20° e 40°. Sorgente LED multichip di potenza con tecnologia C.O.B. (chip on board) dalle alte prestazioni illuminotecniche.
- **LED Axolute Meissa** 1x e 2x, disponibili nella versione base da 30W con fascio di 40°. A richiesta nelle potenze 14w e 21w e nel fascio di apertura di 25°. Sorgente LED estraibile.

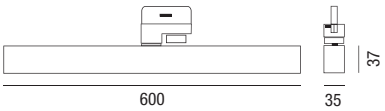
Trim LED è disponibile nella potenza di 11W ruotabile.
Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono Axolute LED e Trim LED ideali per illuminare tanto senza consumare molto, difatti, è possibile risparmiare il 40% di energia sostituendo la maggior parte dei proiettori con sorgenti a ioduri metallici o circa il 70% rispetto ai proiettori con sorgenti ad alogeni, annullando i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.
Axolute LED e Trim LED fanno della tecnologia e dell'efficienza i loro valori principali.
Applicazione: su binario trifase eurostandard
Materiali: Corpo in alluminio estruso. Riflettore in alluminio satinato con angolo di emissione di 60° per l'Axolute 1 Citizen LED. Ottica integrata nella sorgente per le altre versioni.
Colori: Disponibile nei colori verniciati bianco RAL 9010, grigio RAL 9006.
Sorgenti: LED
Multichip di potenza o sorgente estraibile. Temperatura di colore standard 3000K. Diverse potenze disponibili.
Alimentazione: elettronica Relco inclusa – Multipower 40w/50w per l'Axolute 1 Citizen LED.

Trim Trifase LED- Axolute LED
Axolute LED and Trim LED are luminaires for three- phase Eurostandard tracks available with different wattages and optics, LED Venere is a classic EMERGENCY LED emergency luminaire suited for three-phase track. Ideal for retail spaces (shops, supermarkets, department stores, showrooms, bars, cafés, bars), art galleries, museums and historical venues. The essential shape of Axolute LED and Trim LED ensures perfect integration in all architectural styles.
Axolute is available in three different modes:
*- **LED Axolute Vega** 1x and 2x comes in two standard versions, 27W or 36W with 30° light beam, and on demand in 10W and 14W versions with 15° or 45° light beams. 3,000K and 6,000K colour temperature. Pull-out LED source.*
*- **LED Axolute Chameleon** 1x is available in two versions, the first one with multipower supply for 40W and 50W, and the second one with 65W unipower supply. Both versions are available with 3000K colour temperature and 60° light beam (20° and 40° on demand). Multichip power LED with C.O.B. (chip on board) technology with top lighting performance.*
*- **LED Axolute Meissa** 1x and 2x, available in standard 30W version with 40° beam. Available on demand in 14W and 21W versions with 25° light beam. Pull-out LED source.*

Trim LED is available in 11W adjustable version.
The ultra-low energy consumption and the duration of over 30,000 hours make Axolute LED and Trim LED ideal to provide long-lasting light without a high consumption. In fact, you can achieve 40% energy saving by replacing the majority of metal halide spotlights or 70% energy saving with respect to halogen spotlights, practically eliminating maintenance costs for higher money saving.
Axolute LED and Trim LED find their core values in technology and efficiency.
***Installation:** on three-phase Eurostandard tracks*
***Materials:** Extruded aluminium body. Satin-finished aluminium reflector with 60° light beam for Axolute 1 Citizen LED. Optic integrated in light source for the other versions.*
***Colours:** Available in painted versions with white RAL 9010 and grey RAL 9006 finish.*
***Light sources:** LED*
Power multichip or pull-out source. 3,000K standard colour temperature. Different wattages available.
***Power supply:** Relco electronic supply included – Multipower 40W/50W for Axolute 1 Citizen LED.*

230V 50Hz IK04 IP40

LED Trim Trifase

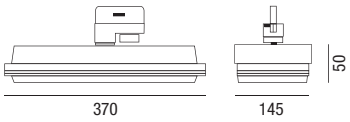


Pag. 74 · Incorporato *Incorporated* · 350° · INCLUDED

colour	W		lm	K	pcs	Kg	CELL	Euro cad.
G	11	B 3,6W x 3 LED	900	4000	001	0.48	12171	157,50
B	11	B 3,6W x 3 LED	930	4000	001	0.48	12172	157,50

230÷240V 50-60Hz

LED Venere SA Trifase EMERGENZA



±180° · Incorporato *Incorporated* · INCLUDED

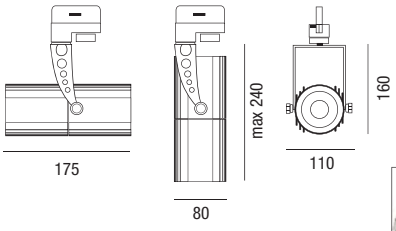
RO0337 - KIT bandiera con 2 pittogrammi (incluso)

RO0337 *- KIT double sided diffuser included with two pictograms*

colour	W		K	Flusso *Flux* Lm	Emergenza *Emergency* Lm	h	Batteria/ *Battery* Ni-Cd Volt	Ah	Kg	CELL	Euro cad.
A	4	B 40 X 0,1W LED	4000	240	240	4	3,6	3,6	1.80	12104/3L40EME	132,00

230÷240V 50-60Hz

LED Accent Trifase 20



INCLUDED · > 30.000 h ≈ 3.000 h · 20W LED ≈ 50W G53

Incorporato *Incorporated* · ±90° · ±180° · 45° 45°

colour	W	mA		lm	K		pcs	Kg	CELL	Euro cad.
G	20	700	B 1LED MULTICHIP	1560	4000	40°	001	4.00	30418	108,00
G	20	700	B 1LED MULTICHIP	1560	3000	40°	001	4.00	30416	108,00

Dati fotometrici LED - *LED Photometric*

3000K/4000K

40°

		Emax
Ø 1,52 m	1 m	2900 lux
Ø 3,20 m	2 m	650 lux
Ø 5,60 m	3 m	140 lux

230V 50Hz IK07 IP20

LED Axolute 1 Vega

188 245 138 198

> 30.000 h	≈	3.000 h	> 30.000 h	≈	3.000 h	> 30.000 h	≈	3.000 h	10.000 h	> 30.000 h	≈	10.000 h
10W LED		50W G53	14W LED		70W G53	27W LED		100W G53	70W G12	36W LED		70W

Pag. 74 — Incorporato *Incorporated* — ±90° — ±180° — 45° 45° — INCLUDED

colour	W	mA		lm	K		pcs	Kg	CELL	Euro cad.
G	27 (10-14)	700	B 3W x 9 LED	1889	6000	30° (15°-45°)	001	2.30	32488	157,50
B	27 (10-14)	700	B 3W x 9 LED	1889	6000	30° (15°-45°)	001	2.30	32489	157,50
G	27 (10-14)	700	B 3W x 9 LED	1360	3000	30° (15°-45°)	001	2.30	32490	158,03
B	27 (10-14)	700	B 3W x 9 LED	1360	3000	30° (15°-45°)	001	2.30	32491	157,50
G	36	1000	B 4W x 9 LED	1827	3000	30° (15°-45°)	001	2.30	32492	182,44
B	36	1000	B 4W x 9 LED	1827	3000	30° (15°-45°)	001	2.30	32493	182,44

LED Axolute 1 Chameleon

188 245 138 198

> 30.000 h	≈	10.000 h	> 30.000 h	≈	10.000 h	> 30.000 h	≈	10.000 h
36-40W LED		70W	50W LED		100W	65W LED		150W

Pag. 74 — Incorporato *Incorporated* — ±90° — ±180° — 45° 45° — INCLUDED

Con possibilità filtri antiabbagliamento e correzione cromatica

Possibility Anti-glare filter and chromatic correction

32532-bianco/white
32534-giallo/yellow
32536-cyan/blu

colour	W	mA		Lm	K		pcs	Kg	CELL	Euro cad.
G	40* 50*	1000 1400	B 1 LED MULTICHIP	2900 3500	3000 4k	60° (20°-40°)	001	2.30	32510	313,95
B	40* 50*	1000 1400	B 1 LED MULTICHIP	2900 3500	3000 4k	60° (20°-40°)	001	2.30	32512	310,80
G	65	1800	B 1 LED MULTICHIP	4600	3000 4k	60° (20°-40°)	001	2.30	32514	298,20
B	65	1800	B 1 LED MULTICHIP	4600	3000 4k	60° (20°-40°)	001	2.30	32516	294,00

* Con alimentatore Multipower - *With Multipower power supply*

4k a richiesta temperatura di colore 4000°K - on request color temperature 4000°K

LED Axolute 1 Meissa

188 245 138 198

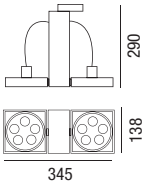
> 30.000 h	≈	3.000 h	> 30.000 h	≈	3.000 h	> 30.000 h	≈	3.000 h	10.000 h
14W LED		50W G53	21W LED		70W G53	30W LED		100W G53	70W G12

Pag. 74 — Incorporato *Incorporated* — ±90° — ±180° — 45° 45° — INCLUDED

colour	W	mA		lm	K		pcs	Kg	CELL	Euro cad.
G	30 (14-21)	700	B 30W x 1LED	2040	3000	40° (25°)	001	2.30	32518	157,50
B	30 (14-21)	700	B 30W x 1LED	2040	3000	40° (25°)	001	2.30	32519	157,50

230V 50Hz IK07 IP20

LED Axolute 2 Vega



> 30.000 h 10W LED ≈ 3.000 h 50W G53

> 30.000 h 14W LED ≈ 3.000 h 70W G53

> 30.000 h 27W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

> 30.000 h 36W LED ≈ 10.000 h 70W

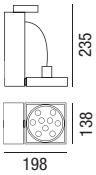
Pag. 74 | Incorporato *Incorporated* | ±90° | ±180° | 45° 45° | INCLUDED

W	K	Lm
54	6000	3778
54	6000	3778
54	3000	2720
54	3000	2720
72	3000	3654
72	3000	3654

Potenza massima totale dell'apparecchio illuminante.
Total output power of the lights

colour	W			lm	K		pcs	Kg	CELL	Euro cad.
G	2x27	(10-14)	B 2x 3W x 9 LED	2x1889	6000	30° (15°-45°)	001	4.00	32405	262,50
B	2x27	(10-14)	B 2x 3W x 9 LED	2x1889	6000	30° (15°-45°)	001	4.00	32406	267,75
G	2x27	(10-14)	B 2x 3W x 9 LED	2x1360	3000	30° (15°-45°)	001	4.00	32494	262,50
B	2x27	(10-14)	B 2x 3W x 9 LED	2x1360	3000	30° (15°-45°)	001	4.00	32495	262,50
G	2x36		B 2x 4W x 9 LED	2x1827	3000	30° (15°-45°)	001	4.00	32496	361,20
B	2x36		B 2x 4W x 9 LED	2x1827	3000	30° (15°-45°)	001	4.00	32497	294,00

LED Axolute 2 Meissa



> 30.000 h 14W LED ≈ 3.000 h 50W G53

> 30.000 h 21W LED ≈ 3.000 h 70W G53

> 30.000 h 30W LED ≈ 3.000 h 100W G53 10.000 h 70W G12

Pag. 74 | Incorporato *Incorporated* | ±90° | ±180° | 45° 45° | INCLUDED

W	K	Lm
60	3000	4080
60	3000	4080

Potenza massima totale dell'apparecchio illuminante.
Total output power of the lights

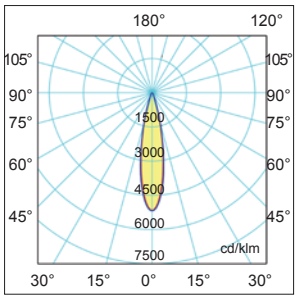
colour	W		mA		lm	K		pcs	Kg	CELL	Euro cad.
G	2x30	(14-21)	700	B 2x30W x 1LED	2x2040	3000	40° (25°)	001	4.00	32520	250,00
B	2x30	(14-21)	700	B 2x30W x 1LED	2x2040	3000	40° (25°)	001	4.00	32522	255,00

Referenze/*Reference:* Trony DPS, Pavia (PV)

LED Axolute 1 - LED Axolute 2 > Vega

Dati fotometrici LED - *LED Photometric data*

10W LED-350mA - 14W LED-500mA - 27W LED-700mA - 36W LED-1000mA



6000K - 10W — 30°

		Emax
Ø 0.37 m	1 m	4410 lux
Ø 0.74 m	2 m	1104 lux
Ø 1.11 m	3 m	491 lux

6000K- 14W — 30°

		Emax
Ø 0.37 m	1 m	6194 lux
Ø 0.74 m	2 m	1580 lux
Ø 1.11 m	3 m	680 lux

6000K- 27W — 30°

		Emax
Ø 0.37 m	1 m	8172 lux
Ø 0.74 m	2 m	2043 lux
Ø 1.11 m	3 m	908 lux

6000K- 36W — 30°

		Emax
Ø 0.37 m	1 m	11340
Ø 0.74 m	2 m	2835
Ø 1.11 m	3 m	1260

3000K- 10W — 30°

		Emax
Ø 0.37 m	1 m	3150 lux
Ø 0.74 m	2 m	788 lux
Ø 1.11 m	3 m	350 lux

3000K- 14W — 30°

		Emax
Ø 0.37 m	1 m	4410 lux
Ø 0.74 m	2 m	1104 lux
Ø 1.11 m	3 m	490 lux

3000K- 27W — 30°

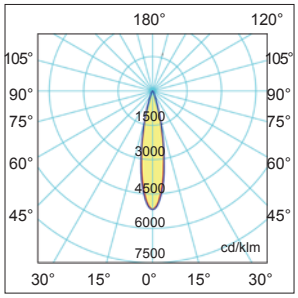
		Emax
Ø 0.37 m	1 m	5832 lux
Ø 0.74 m	2 m	1485 lux
Ø 1.11 m	3 m	648 lux

3000K- 36W — 30°

		Emax
Ø 0.37 m	1 m	8088
Ø 0.74 m	2 m	2020
Ø 1.11 m	3 m	899

LED Axolute 1 - LED Axolute 2 > Meissa

14W LED-350mA - 21W LED-500mA - 30W LED-700mA



3000K- 14W — 40°

		Emax
Ø 1.52 m	1 m	2204 lux
Ø 3.20 m	2 m	495 lux
Ø 5.60 m	3 m	112 lux

3000K- 21W — 40°

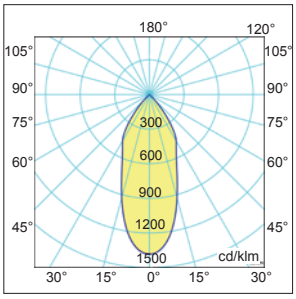
		Emax
Ø 1.52 m	1 m	3092 lux
Ø 3.20 m	2 m	695 lux
Ø 5.60 m	3 m	161 lux

3000K- 30W — 40°

		Emax
Ø 1.52 m	1 m	4070 lux
Ø 3.20 m	2 m	908 lux
Ø 5.60 m	3 m	195 lux

LED Axolute 1 Chameleon

25W LED MULTICHIP - 40W LED MULTICHIP - 50W LED MULTICHIP - 65W LED MULTICHIP



3000K - 25W — 60°

		Emax
Ø 1.8 m	1 m	1800 lux
Ø 3.4 m	2 m	440 lux
Ø 5.3 m	3 m	220 lux

3000K - 40W — 60°

		Emax
Ø 1.8 m	1 m	2900 lux
Ø 3.4 m	2 m	705 lux
Ø 5.3 m	3 m	350 lux

3000K - 50W — 60°

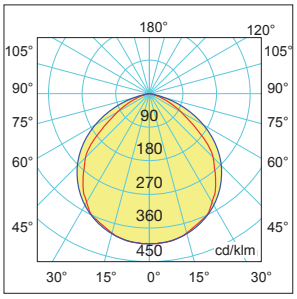
		Emax
Ø 1.8 m	1 m	3500 lux
Ø 3.4 m	2 m	880 lux
Ø 5.3 m	3 m	440 lux

3000K - 65W — 60°

		Emax
Ø 1.8 m	1 m	4600 lux
Ø 3.4 m	2 m	1150 lux
Ø 5.3 m	3 m	575 lux

LED Trim Trifase

11W - LED MULTICHIP



4000K — 100°

		Emax
Ø 2.2x2.5 m	1 m	260 lux
Ø 4.4x5.0 m	2 m	65 lux
Ø 6.5x7.5 m	3 m	32 lux

LED Axolute 1 binario - TRONY DPS, Pavia (PV)

LED Tron

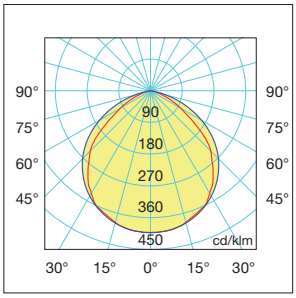
TRONY S.Giuliano Milanese, (Mi).

Apparecchi di illuminazione a led per applicazioni a luce diffusa, LED TRON utilizza SEOUL SEMICONDUCTOR .
La forma morbida e le elevate prestazioni illuminotecniche consentono a questi apparecchi di illuminazione di poter essere collocati in molteplici tipologie di installazione siano esse residenziali (cucine, aree di servizio) o terziarie (uffici direzionali, open space, aree comuni, negozi, magazzini).
Disponibili in tre lunghezze, gli apparecchi LED TRON possono essere sospesi, fissati a parete/plafone oppure agganciati ad un binario elettrificato trifase /blindosbarra, per la versione trifase e blindosbarra è disponibile in EMERGENZA. Il bassissimo consumo di energia elettrica (48W per la misura corta e 60W per la misura lunga) e la durata di oltre 30.000 ore rendono la famiglia LED TRON ideale in tutte quelle applicazioni dove servono:
-un corretto livello di illuminamento dell'ambiente e dei piani di lavoro in conformità alla normativa vigente.
-una corretta distribuzione della luce; per definizione il led emette solo su un semipiano - quello di uscita dall'apparecchio - per cui i LED TRON non necessitano di riflettori di recupero che generano sensibili perdite di rendimento.
-un elevato risparmio energetico (la versione da 60W consente un risparmio del 45% rispetto ad un corpo illuminante cablato con 2 sorgenti da 54W a fluorescenza lineare)
-consentono di eliminare i costi relativi alla manutenzione ordinaria (sostituzione delle sorgenti luminose) e di quella straordinaria lasciando al committente i soli costi di installazione e – a fine vita – rimozione e smaltimento degli articoli esausti.
Corpo: in alluminio estruso con finitura anodizzata naturale e tappi in acciaio stampato con finitura verniciata a polvere
Dissipatore: in lastra di alluminio
Diffusore: in lastra di tecnopolimero trasparente goffrato nella parte interna
CONFORME ALLA NORMA: EN62471: 2008, sicurezza fotobiologica delle lampade e dei sistemi di lampade.

Led lighting appliances for diffused light applications.
LED TRON uses SEOUL SEMICONDUCTOR
The soft shape and high lighting performance allow these lighting appliances to be placed in many types of installations, either residential (kitchens, service areas) or tertiary (managerial offices, open spaces, shared areas, stores, warehouses).
Available in three lengths, the LED TRON appliances may be suspended, fixed to a wall/ceiling or hooked to an electrified track (three-phase track or busway), for the three-phase or busway version is available in EMERGENCY. Extremely low electrical energy consumption (48W for the short measurement and 60W for the long measurement) and a lifespan of over 30,000 hours make the LED TRON family ideal for all the applications, requiring:
-correct level of lighting of the environment and of work surfaces in compliance with current regulations
-correct light distribution; by definition the led emits only on a half-plane - the one exiting from the appliance - therefore the LED TRONs do not need recovery reflectors that generate noticeable losses in efficiency.
-high energy savings (the 60W version can save 45% compared to a lighting body wired with 2 linear fluorescence 54W sources)
-they eliminate costs related to routine maintenance (replacement of light sources) and special maintenance leaving to the customer only the installation costs and – at life's end – removal and disposal of the used items.
***Body:** in extruded aluminium with natural anodised finish and steel caps printed with powder-coated finish*
***Dissipater:** in aluminium plate*
***Shade:** in transparent technopolymer plate embossed on the inside*
***ACCORDING TO STANDARD:** EN62471: 2008, photobiological safety of lamps and lamp systems.*

Dati fotometrici - *Photometric data*

30W - 48W LED - 60W LED - 72W LED



30W - 4000K		Emax
Ø 3.60 m	1 m	1.050 lux
Ø 6.70 m	2 m	280 lux
Ø 11.20 m	3 m	64 lux

48W - 3000 - 4000K		Emax
Ø 3.60 m	1 m	1.620 lux
Ø 6.70 m	2 m	440 lux
Ø 11.20 m	3 m	95 lux

60W - 3000 - 4000K		Emax
Ø 3.60 m	1 m	2.020 lux
Ø 6.70 m	2 m	550 lux
Ø 11.20 m	3 m	119lux

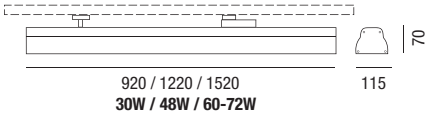
72W - 4000K		Emax
Ø 3.60 m	1 m	2.450 lux
Ø 6.70 m	2 m	610 lux
Ø 11.20 m	3 m	303 lux

48W - 6000K		Emax
Ø 3.60 m	1 m	1.640 lux
Ø 6.70 m	2 m	480 lux
Ø 11.20 m	3 m	99 lux

60W - 6000K		Emax
Ø 3.60 m	1 m	2.090 lux
Ø 6.70 m	2 m	570 lux
Ø 11.20 m	3 m	125 lux

220÷240V 50-60Hz CRI 85 IK04 IP20

LED Tron trifase



> 30.000 h	≈	12.000 h
30W LED		1x58W
48W LED		2x39W
60W LED		2x54W
72W LED		2x80W

colour	W		lm	K	pcs	pcs/ pallets	Kg	CELL	Euro cad.
A	30	B POWERLED	3.200	4000	001	30	2.60	27324	360,00
A	48	B POWERLED	4.600	3000	001	30	3.32	27328	390,76
A	48	B POWERLED	4.600	4000	001	30	3.32	27329	390,76
A	48	B POWERLED	4950	6000	001	30	3.32	27330	390,76
A	60	B POWERLED	5.600	3000	001	30	4.50	27305	420,00
A	60	B POWERLED	5.600	4000	001	30	4.50	27247	420,00
A	60	B POWERLED	6050	6000	001	30	4.50	27308	420,00
A	72	B POWERLED	7500	4000	001	30	4.50	27314	450,00

Accessori inclusi - *Accessories included*

(fig.1)

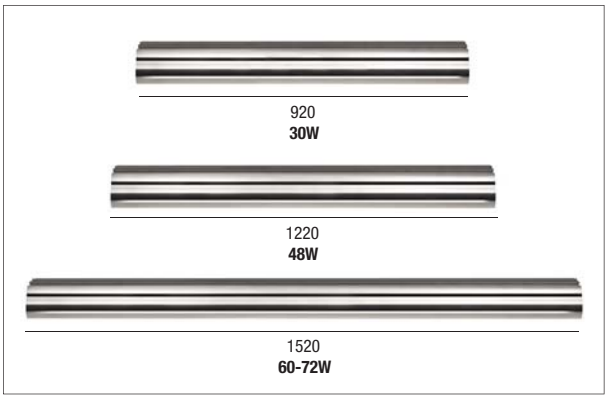
(fig.2)

Corredato di un adattatore meccanico ad altezza regolabile (fig.1) ed un adattatore elettromeccanico/trifasico per la connessione a binari elettrificati (fig.2); entrambi i dispositivi vengono cablati in azienda.

Equipped with a mechanical adapter with adjustable height (fig.1) and an electromechanical/three-phase adapter for connection to electrified tracks (fig.2); both devices are factory wired.

Accessori a richiesta - *Accessories on request*

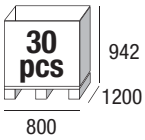
Corpo Alluminio lucido - *Glossy aluminum body*



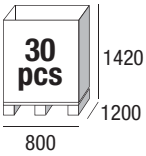
Disponibile con corpo in alluminio lucido, aggiungere **/AL** dopo il codice: (es. 27324 - 27324**/AL**)

*Available with glossy aluminum body, add **/AL** after the code: (es. 27324 - 27324/AL)*

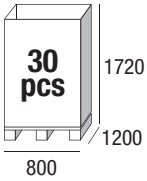
dimensioni pallets - pallets dimensions



30W



48W



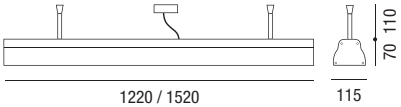
60W - 72W

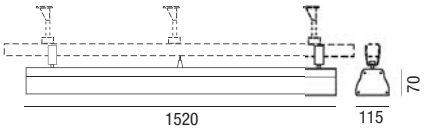
DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

220÷240V 50-60Hz

CRI 85 | IK04 | IP20

LED Tron C/Blindosbarra - Busway





> 30.000 h	≈	12.000 h
48W LED		2x39W
60W LED		2x54W
72W LED		2x80W

Con accessori inclusi per applicazione a Blindosbarra

With accessories included for Blindosbarra application

colour	W		lm	K	pcs	pcs/ pallets	Kg	CELL	Euro cad.
A	48	B POWERLED	4600	4000	001	30	3.32	27331	390,76
A	60	B POWERLED	5600	4000	001	30	4.50	27248	420,00
A	72	B POWERLED	7500	4000	001	30	4.50	27248/7500	450,00

Accessori inclusi - *Accessories included*

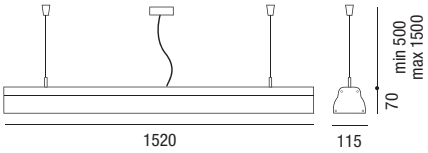
Versione C
C Version

Versione C/Blindosbarra
C/Blindosbarra Version

Tron C/Blindosbarra: Corredato di un Kit che contiene due tige in acciaio D.10mm / lunghezza 110mm; due attacchi a parete/plafone in acciaio cromato; un Rosone in tecnopolimero dove alloggiano il cavo elettrico tripolare 3x0,75mmq con guaina trasparente ed i dispositivi elettrici per la connessione alla rete di alimentazione elettrica. Gli aricoli **Tron C/Blindosbarra** sono dotati di un sistema meccanico che ne consente il fissaggio alle comuni blindosbarre presenti sul mercato; se si deve eseguire questa tipologia di installazione, utilizzare le molle specifiche date a corredo della blindosbarra scelta (fig.A), fissandole a TRON come da istruzioni d'uso e manutenzione.

Tron C/Busway: *Supplied with a kit that contains two steel stems D.10mm / length 110mm; two chrome-plated steel wall/ceiling brackets; an engineering polymer ceiling rose which houses three-pole power cable 3x0, 75sq.mm with transparent sheath and electrical devices for connection to the mains supply.* ***Tron C/Busway*** *items are equipped with a mechanical system that allows fastening to common busways available on the market. If this type of installation is to be carried out, utilise the specific springs supplied as standard with the chosen busway, and fasten them to TRON as per the use and maintenance instructions.*

LED Tron S



Sistema di regolazione
Regulation system

> 30.000 h	≈	12.000 h
60W LED		2x54W
72W LED		2x80W

colour	W		lm	K	pcs	pcs/ pallets	Kg	CELL	Euro cad.
A	60	B POWERLED	5600	4000	001	30	4.50	27249	420,00
A	72	B POWERLED	7500	4000	001	30	4.50	27235	450,00

LED Tron trifase

LED Tron C

LED Tron C Blindosbarra

LED Tron S - cod.27249/AL

Trim Power LED

Concessionario Touring auto, Milano

Gli articoli della serie Trim possono essere installati in tutti gli ambienti domestici, commerciali, uffici, scuole, ristoranti e di logistica.
Il bassissimo consumo di energia, la durata di oltre 50000 ore e l'assenza di emissione di raggi UV o infrarossi (non scoloriscono o scaldano gli oggetti) li rende adatti anche per ambienti come musei, negozi, esposizioni.
L'utilizzo di questi prodotti per sostituire sorgenti tradizionali produce un risparmio netto dal 50% all'80%; questo risparmio è dato dal fatto che si hanno consumi inferiori e quindi un immediato riscontro sul conto energetico degli edifici.
Un'altra voce di risparmio è dovuta al fatto che è possibile utilizzare un minor numero di apparecchi dal momento che i LED mantengono la luminosità costante anche dopo anni, a differenza invece delle comuni sorgenti che già dopo poche migliaia di ore di funzionamento presentano un decadimento del flusso luminoso di almeno il 20%.
Infine l'assenza di manutenzione (almeno 25.000 ore), l'affidabilità e la durata dei LED rende ancora più conveniente il loro utilizzo.
Corpo: in alluminio estruso ossidato (colore tipo RAL 9006) e lo schermo è in tecnopolimero trasparente (Trim PowerLED CD e Trim PowerLED S) e satinato (Trim PowerLED C e Trim PowerLED W).
L' alimentatore elettronico Relco è incorporato nel corpo dell'apparecchio.

The products of the Trim range can be installed in all domestic and commercial spaces, offices, schools, restaurants and logistic premises.
Due to the very low energy consumption, the over-50,000 hour life and the lack of UV or infrared emissions (they do not heat or make objects fade out), these products are the ideal solution also for museums, stores and exhibitions. Their use to replace traditional lamps produces 50% to 80% net saving caused by lower consumption, with immediate effect on the energy bill of buildings. Another saving item is the use of a lower number of luminaires, since LEDs maintain constant luminosity even after years, unlike traditional lamps that suffer at least 20% decay of the light flux after a few thousands of hours of operation. Finally, lack of maintenance (min. 25,000 hours), reliability and life of LEDs make their use extremely convenient.
***Body:** oxidized extruded aluminium (RAL 9006) and technopolymer screen with transparent finish (Trim PowerLED CD and Trim PowerLED S) and satin finish (Trim PowerLED C and Trim PowerLED W).*
Relco electronic power supply integrated in the luminaire body. Supplied with LED lamp.

TRIM power LED C/D

Questo modello ha l'ingresso del cavo di alimentazione sia nella zona centrale superiore, sia nella zona laterale superiore (Fig.1). Si possono collegare in linea più apparecchi creando una luce continua (Fig.1). Trim PowerLED CD ha lenti da 60° (a richiesta 30°) che permettono di concentrare il fascio luminoso. Eliminando le lenti è possibile ottenere un angolo di apertura di 100°. É disponibile come accessorio lo schermo diffusore opalino (cod. 795400 per Trim PowerLED CD 125 e cod. 795500 per Trim PowerLED CD 250).
Possono essere utilizzate anche all'esterno grazie all'accessorio (non incluso) che le rende IP65 (cod. 795200 per la Trim PowerLED CD 125 e cod. 795300 per la Trim PowerLED CD 250).
This model has the entry of the power cable the superior central zone or the top side area (Fig. 1). Several appliances can be connected in line to create continuous light (Fig. 1). The Trim Power LED CD lamps have 60° (30° upon request) lenses that allow one to concentrate the beam of light. Excluding the lenses is possible to get an angle of 100° opening. Accessories include an opaline screen-shade, code 795400 for the Trim Power LED CD 125 and code 795500 for the Trim Power LED CD 250.
They can be used outside with an accessory (not included) that guarantees IP65 protection (code 795200 for the Trim Power LED CD 125 and code 795300 for the Trim Power LED CD 250.

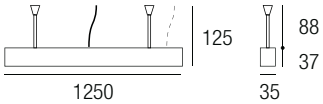
TRIM power LED S

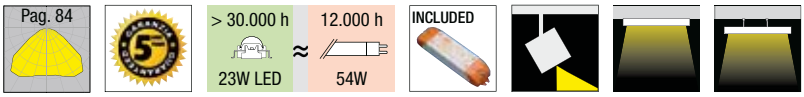
In questo modello il rosone per la connessione elettrica è separato dai cavetti di sospensione. Questo consente di decentrare il corpo illuminante rispetto al punto luce. I modelli a sospensione possono essere fissati a soffitto tramite tiranti posizionabili nella zona centrale o sulle estremità. É possibile ordinare separatamente dei distanziali rigidi da 20cm (Trim attacco soffitto rigido cod. 795004). É disponibile come accessorio lo schermo diffusore opalino (cod. 795600 per Trim PowerLED S 80 e cod. 795700 per Trim PowerLED S 150). Le Trim PowerLED S si possono collegare in serie creando una luce continua (Fig.1).
Alimentatore elettronico Relco incorporato.
Lampada LED a corredo.

In the case of this model, the ceiling rosette for electrical connection is separate from the suspension cables. This makes it possible to decentralise the lighting body in relation to the light. The suspended models can be installed on the ceiling with tie-bars that can be fitted at the centre or at the ends. It is possible to order rigid 20cm spacers separately (Trim rigid ceiling connection code 795004). Accessories include an opaline screen-shade, code 795600 for the Trim Power LED S 80 and code 795700 for the Trim Power LED S 150. The Trim Power LED S lamps can be connected in line to create continuous light (Fig. 1).
Incorporated Relco electronic power supply.
Led lamp provided.

100÷240V 50-60Hz IK04 IP40

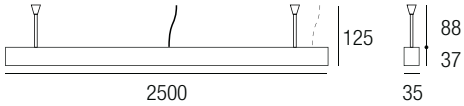
TRIM power LED CD 125

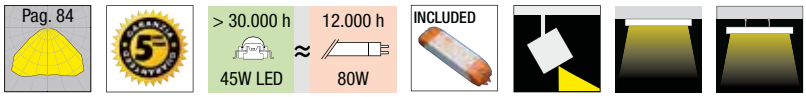




colour	W			lm	K	pcs	Kg	CELL	Euro cad.
A	23	60°	B POWERLED	1830	3000	001	0.7	793421	253,05
A	23	60°	B POWERLED	1920	6000	001	0.7	793621	269,85

TRIM power LED CD 250





colour	W			lm	K	pcs	Kg	CELL	Euro cad.
A	45	60°	B POWERLED	3600	3000	001	1.40	793721	397,95
A	45	60°	B POWERLED	3700	6000	001	1.40	793921	431,55

1 Distanziale
Separator

2 Schermo superiore
Superior screen

3 Alimentatore elettronico
Electronic driver

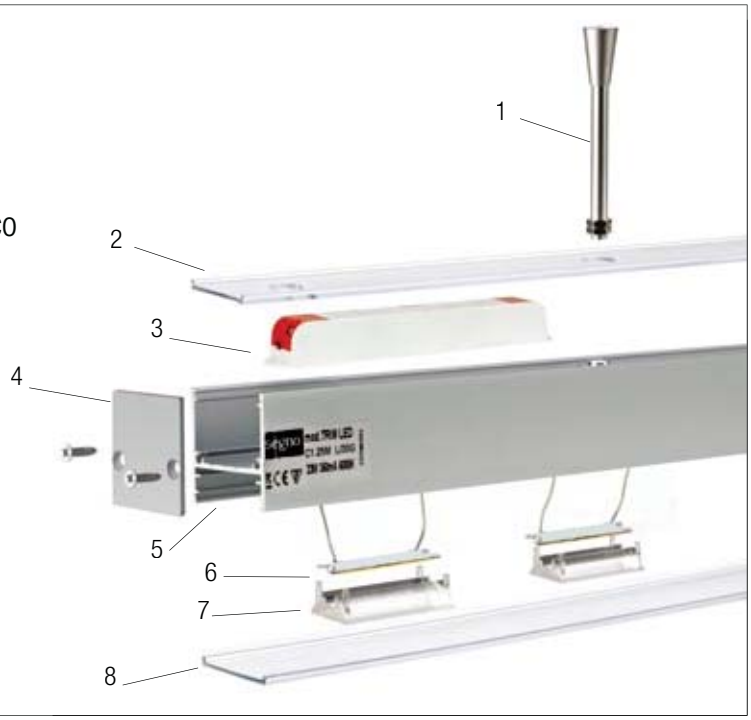
4 Tappo di chiusura
Crock

5 Corpo lampada
Lamp body

6 LED

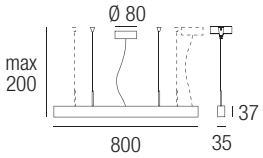
7 Lente
Lenses

8 Schermo inferiore
Inferior screen



100÷240V 50-60Hz IK04 IP40

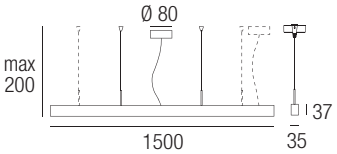
TRIM power LED S 80



Pag. 84 | > 30.000 h 14W LED ≈ 12.000 h 28W | INCLUDED

colour	W			lm	K	pcs	Kg	CELL	Euro cad.
A+	14	100°	B POWERLED	1200	3000	001	0.6	792921	220,50
A+	14	100°	B POWERLED	2190	6000	001	0.6	793121	232,05

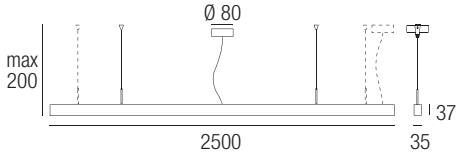
TRIM power LED S 100



Pag. 84 | > 30.000 h 25W LED ≈ 12.000 h 58W | INCLUDED

colour	W			lm	K	pcs	Kg	CELL	Euro cad.
A+	25	100°	B POWERLED	2100	3000	001	1.15	793221	323,40
A+	25	100°	B POWERLED	2190	6000	001	1.15	793321	343,35

TRIM power LED S 250

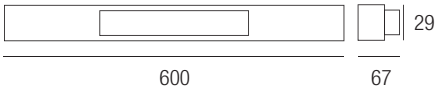


Pag. 84 | > 30.000 h 45W LED ≈ 12.000 h 2x58W | INCLUDED

colour	W			lm	K	pcs	Kg	CELL	Euro cad.
A+	45	100°	B POWERLED	3600	3000	001	1.40	795121	333,90
A+	45	100°	B POWERLED	3700	6000	001	1.40	795021	334,74

100÷240V 50-60Hz IK04 IP40

TRIM power LED W 60



> 30.000 h 11W LED ≈ 12.000 h 21W

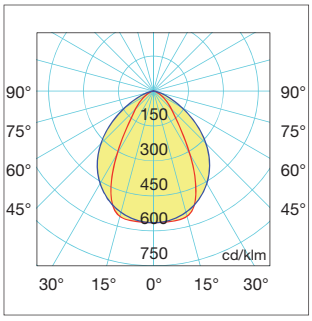
INCLUDED

colour	W			lm	K	pcs	Kg	CELL	Euro cad.
A+	11	60°	B POWERLED	900	3000	001	0.55	792821	178,50
A+	11	60°	B POWERLED	930	6000	001	0.55	790821	187,95

Dati fotometrici - *Photometric data*

TRIM power LED CD.../W

11W-23W-45W LED - **60°**



11W - 3000K (60°, Emax)

Ø 1.2x2.2m	1 m	640 lux
Ø 2.4x4.4m	2 m	160 lux
Ø 3.6x6.7m	3 m	80 lux

23W - 3000K (60°, Emax)

Ø 1.2x2.2m	1 m	1280 lux
Ø 2.4x4.4m	2 m	320 lux
Ø 3.6x6.7m	3 m	160 lux

45W - 3000K (60°, Emax)

Ø 1.2x2.2m	1 m	2550 lux
Ø 2.4x4.4m	2 m	630 lux
Ø 3.6x6.7m	3 m	320 lux

11W - 6000K (60°, Emax)

Ø 1.2x2.2m	1 m	660 lux
Ø 2.4x4.4m	2 m	165 lux
Ø 3.6x6.7m	3 m	81 lux

23W - 6000K (60°, Emax)

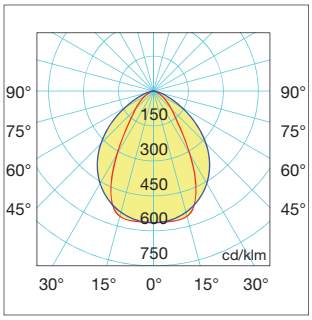
Ø 1.2x2.2m	1 m	1320 lux
Ø 2.4x4.4m	2 m	330 lux
Ø 3.6x6.7m	3 m	160 lux

45W - 6000K (60°, Emax)

Ø 1.2x2.2m	1 m	2650 lux
Ø 2.4x4.4m	2 m	650 lux
Ø 3.6x6.7m	3 m	330 lux

TRIM power LED S...

14W-25W-45W LED - **100°**



14W - 3000K (100°, Emax)

Ø 2.2x2.5m	1 m	340 lux
Ø 4.4x5.0m	2 m	86 lux
Ø 6.5x7.5m	3 m	43 lux

25W - 3000K (100°, Emax)

Ø 2.2x2.5m	1 m	595 lux
Ø 4.4x5.0m	2 m	148 lux
Ø 6.5x7.5m	3 m	74 lux

45W - 3000K (100°, Emax)

Ø 2.2x2.5m	1 m	1190 lux
Ø 4.4x5.0m	2 m	295 lux
Ø 6.5x7.5m	3 m	148 lux

14W - 6000K (100°, Emax)

Ø 2.2x2.5m	1 m	350 lux
Ø 4.4x5.0m	2 m	88 lux
Ø 6.5x7.5m	3 m	45 lux

25W - 6000K (100°, Emax)

Ø 2.2x2.5m	1 m	610 lux
Ø 4.4x5.0m	2 m	155 lux
Ø 6.5x7.5m	3 m	80 lux

45W - 6000K (100°, Emax)

Ø 2.2x2.5m	1 m	1210 lux
Ø 4.4x5.0m	2 m	301 lux
Ø 6.5x7.5m	3 m	155 lux

Giancarlo LED system

LEDlight

Reglette a LED ideale per illuminare scaffalature di negozi, librerie, vetrine, nicchie, sottopensili o vasistas. Il bassissimo consumo energetico, la ridotta emissione di calore e la durata di oltre 30.000 ore e l'assenza di manutenzione sono le principali caratteristiche.

Installazione: tramite magneti su metallo o con mollette per altre superfici; distribuzione dell'alimentazione con binario adesivo.

Corpo: alluminio estruso lega AL 6060 T5, finitura alluminio anodizzato neutro (a richiesta per quantità è possibile realizzare diverse colorazioni); tappi terminali in Nylon colore grigio alluminio.

Diffusore: estruso in policarbonato trasparente (a richiesta per quantità è possibile averlo satinato).

Sorgente: LED bianco 3000K - 6000K (a richiesta per quantità è possibile installare LED di colore blu, verde, ambra o rosso).

Alimentazione: non inclusa.

LED fitting ideal to illuminate shelves of shops, bookstores, showcases, niches or transom-window. The low energetic consumption, the reduced heat emission and the long life of over 30.000 hours and the absence of maintenance, are the principal characteristics.

Installation: *with magnets on metal or with springs for other surfaces; power supply distribution with adhesive track.*

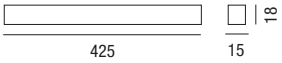
Body: *AL 6060 T5 extruded aluminium alloy, neutral anodized aluminium finish (different colours are available on request, according to quantity); nylon end caps in grey aluminium colour.*

Shade: *extruded in transparent polycarbonate (it can be satin finished on request, according to quantity).*

Source: *3000K - 6000K white LED (blue, green, amber or red LEDs can be requested according to quantity).*

Power supply: *not provided.*

Giancarlo LED system 43



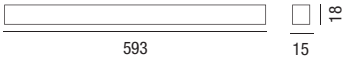
> 30.000 h ≈ 15.000 h
3,5W LED — 10W

colour	W	V			Lm	K	pcs	Kg	S+L	Euro cad.
S	3,5	24	80/110°	B 35 LED	210	6000	001	0.15	28595	31,50
S	3,5	24	80/110°	B 35 LED	165	3000	001	0.15	28596	32,55

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

IP20

Giancarlo LED system 60

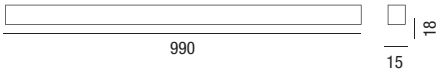


Pag. 88

> 30.000 h — 4,8W LED ≈ 15.000 h — 15W

colour	W	V			Lm	K	pcs	Kg	S+L	Euro cad.
S	4,8	24	80/110°	B 50 LED	300	6000	001	0.17	28577	52,50
S	4,8	24	80/110°	B 50 LED	260	3000	001	0.17	28597	42,00

Giancarlo LED system 100

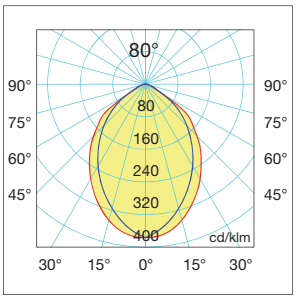


Pag. 88

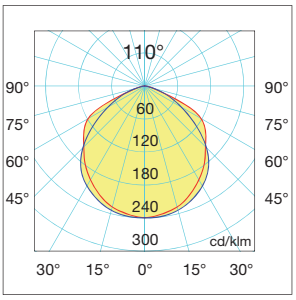
> 30.000 h — 7,7W LED ≈ 15.000 h — 18W

colour	W	V			Lm	K	pcs	Kg	S+L	Euro cad.
S	7,7	24	80/110°	B 85 LED	500	6000	001	0.27	28576	77,70
S	7,7	24	80/110°	B 85 LED	425	3000	001	0.27	28598	58,80

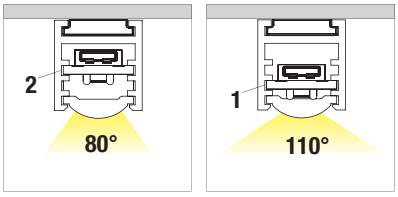
Dati fotometrici - *Photometric data*



80°- 3000°K - 6000°K



110° - 3000°K - 6000°K



É possibile modificare l'apertura del fascio spostando il circuito led nelle due scanalature del corpo estruso (1-2).

It is possible to modify the opening of the light beam by moving the LED circuit in the two grooves in the extruded body (1-2)

3000K- 80°

3,5W — 80° — Emax

0.8x0.95 m	0.5 m	500 lux
1.6x1.9 m	1 m	127 lux
3.2x3.8 m	2 m	35 lux
4.8x5.7 m	3 m	14 lux

4,8W — 80° — Emax

0.8x0.95 m	0.5 m	591 lux
1.6x1.9 m	1 m	150 lux
3.2x3.8 m	2 m	42 lux
4.8x5.7 m	3 m	16 lux

7,7W — 80° — Emax

0.8x1.35 m	0.5 m	990 lux
1.6x2.3 m	1 m	250 lux
3.2x4.2 m	2 m	61 lux
4.8x6.1 m	3 m	27 lux

3000K- 110°

3,5W — 110° — Emax

1.3x1.7 m	0.5 m	200 lux
2.6x3.4 m	1 m	52 lux
5.2x6.8 m	2 m	11 lux
7.8x10.2 m	3 m	5 lux

4,8W — 110° — Emax

1.3x1.7 m	0.5 m	240 lux
2.6x3.4 m	1 m	61 lux
5.2x6.8 m	2 m	13 lux
7.8x10.2 m	3 m	7 lux

7,7W — 110° — Emax

1.3x1.1 m	0.5 m	398 lux
2.6x3.8 m	1 m	99 lux
5.2x7.2 m	2 m	23 lux
7.8x10.6 m	3 m	10 lux

6000K- 80°

3,5W — 80° — Emax

0.8x0.95 m	0.5 m	630 lux
1.6x1.9 m	1 m	159 lux
3.2x3.8 m	2 m	40 lux
4.8x5.7 m	3 m	17 lux

4,8W — 80° — Emax

0.8x0.95 m	0.5 m	696 lux
1.6x1.9 m	1 m	176 lux
3.2x3.8 m	2 m	44 lux
4.8x5.7 m	3 m	20 lux

7,7W — 80° — Emax

0.8x1.35 m	0.5 m	1164 lux
1.6x2.3 m	1 m	292 lux
3.2x4.2 m	2 m	72 lux
4.8x6.1 m	3 m	32 lux

6000K- 110°

3,5W — 110° — Emax

1.3x1.7 m	0.5 m	250 lux
2.6x3.4 m	1 m	65 lux
5.2x6.8 m	2 m	15 lux
7.8x10.2 m	3 m	7,5 lux

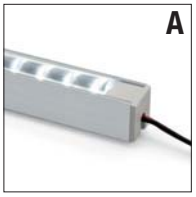
4,8W — 110° — Emax

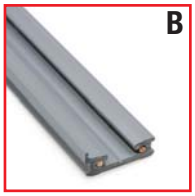
1.3x1.7 m	0.5 m	280 lux
2.6x3.4 m	1 m	72 lux
5.2x6.8 m	2 m	16 lux
7.8x10.2 m	3 m	8 lux

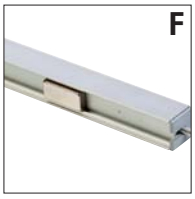
7,7W — 110° — Emax

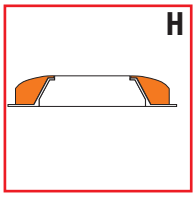
1.3x1.1 m	0.5 m	468 lux
2.6x3.8 m	1 m	116 lux
5.2x7.2 m	2 m	28 lux
7.8x10.6 m	3 m	12 lux

Accessori - *Accessories*









Inclusi
Included

Non inclusi
Not included

La reglette Giancarlo Led System da 1m o 60cm (**A**) è composta da: corpo reglette con led, tappi di chiusura e magneti (**F**). Contiene 1 kit di collegamento di lunghezza 5cm (**C** - cod. 28585) per unire due reglette; 1 Kit di alimentazione dalla reglette al binario con cavo di lunghezza 50cm (**D** - cod. 28584); n° 1 kit composto da 2 mollette (**G** - 28589) per il fissaggio dell'apparecchio su superfici non metalliche. Giancarlo Led System Binario da 1,2m o 2,4m (**B**), accessorio (non incluso) per la distribuzione dell'alimentazione, contiene N° 1 kit di collegamento tra il binario e l' alimentazione lunghezza 50cm (**E** - cod. 28586). I kit possono essere acquistati anche separatamente. Per l'alimentazione selezionare l'alimentatore piu' adatto dalla tabella (pag. 532).

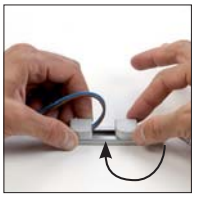
*The Giancarlo LED System reglette of 1m or 60cm (**A**) consists of: a reglette body with LED, sealing caps and magnets (**F**). Contains 1 x 5cm connection for connecting one reglette to another (**C** - cod. 28585); 1 x power supply kit with 50cm cable for connecting the reglette to the track (**D** - cod. 28584); 1 x kit consisting of 2 springs (**G** - 28589) for attaching the appliance on non-metallic surfaces. Giancarlo LED Track System measuring 1.2 or 2.4m (**B**), power supply distribution accessory (not provided), contains 1 x 50cm connection for connecting the track to the power supply (**E** - cod. 28586). The kits can also be purchased separately. Select the most suitable power supply in the table (page 532).*

Pellicola biadesiva, posta sul retro del binario, per applicazioni su supporti melaminici, metallo, plastica, cemento, legno.

A bi-adhesive Film is positioned on the back of the truck, for applications on support melamine, metal, plastics, cement and wood.

Inserire sul binario il contatto collegato all'alimentatore a 24V (filo blu/marrone).

Insert in the track the contact connected to the transformer to 24V (blue/brown wires).



Inserire contatto collegato alla reglette e ruotare di 90°.

Insert contact connected to the fitting and rotate of 90°.

Scelta alimentatori- *Choice power supplies*

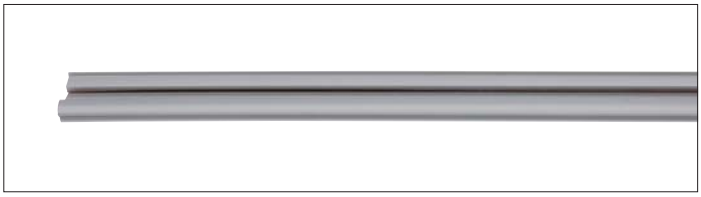
Alimentatori NON Dimmerabili con uscita in TENSIONE - *NOT dimmable power supply with output voltage*

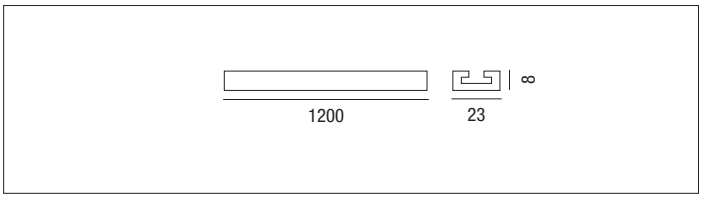
MINILED VDT

	Articolo *Article*	Codice *Code*	(mm)	Vac IN	Hz	W	ta °C	tc °C	PFC	Vout Vdc
	PTDC10U24VB	**PTDC10U24VB**	115x34x19	95÷240	50÷60	**8,4 (8,4)**	35	85	*	**24**
	MINILED FLAT 24-15W	**RN1462**	138x40x12	220÷240	50÷60	**15**	-20... 50	85	*	
	MINILED 24-25W *	**RN1366**	123x38x28	90÷240	50÷60	**25 (20)**	-15... 40	85	*	
	MINILED SLIM 24-30W	**RN1470**	246x30x16	220÷240	50÷60	**30**	-20... 50	85	**OK**	

* **Pending**

I valori di potenza tra parentesi sono riferiti alla tensione minima di alimentazione - *The power values in brackets refer to the minimum supply voltage*

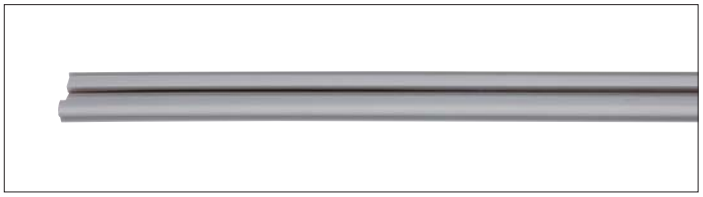


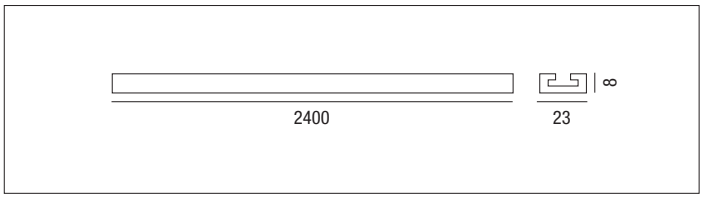


cod. 28579

Giancarlo led system binario di alimentazione

Giancarlo led system power supply track





cod. 28578

Giancarlo led system binario di alimentazione

Giancarlo led system power supply track

Installazione - *Installation*

Togliere la pellicola adesiva dal binario

Remove the adhesive film from the track

Applicare il binario in una zona nascosta alla vista ma di facile accesso

Fit the track in a hidden yet easily accessible palce

Posizionare l'alimentatore della potenza desiderata

Position the desired power supply

Inserire contatto collegato alla reglette e ruotare di 90°.

Insert contact connected to the itting and rotate of 90°.

Collegare la lampada al binario elettrificato.

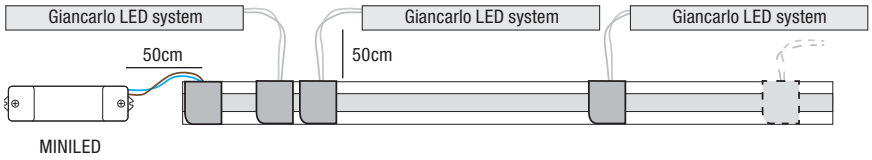
Insert contact connected to the fitting and rotate of 90°.

Posizionare la lampada sull'espositore, tramite i magneti su superfice metallica.

Position the lamp on the metal surface of the display rack using magnets

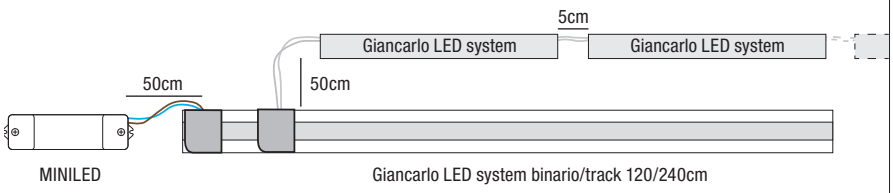
Collegamento tramite contatto

Connection through contact



Collegamento in serie

Connection in series



Magneti per il posizionamento della lampada su superfici metalliche.

Magnets for fitting lamp on metallic surfaces

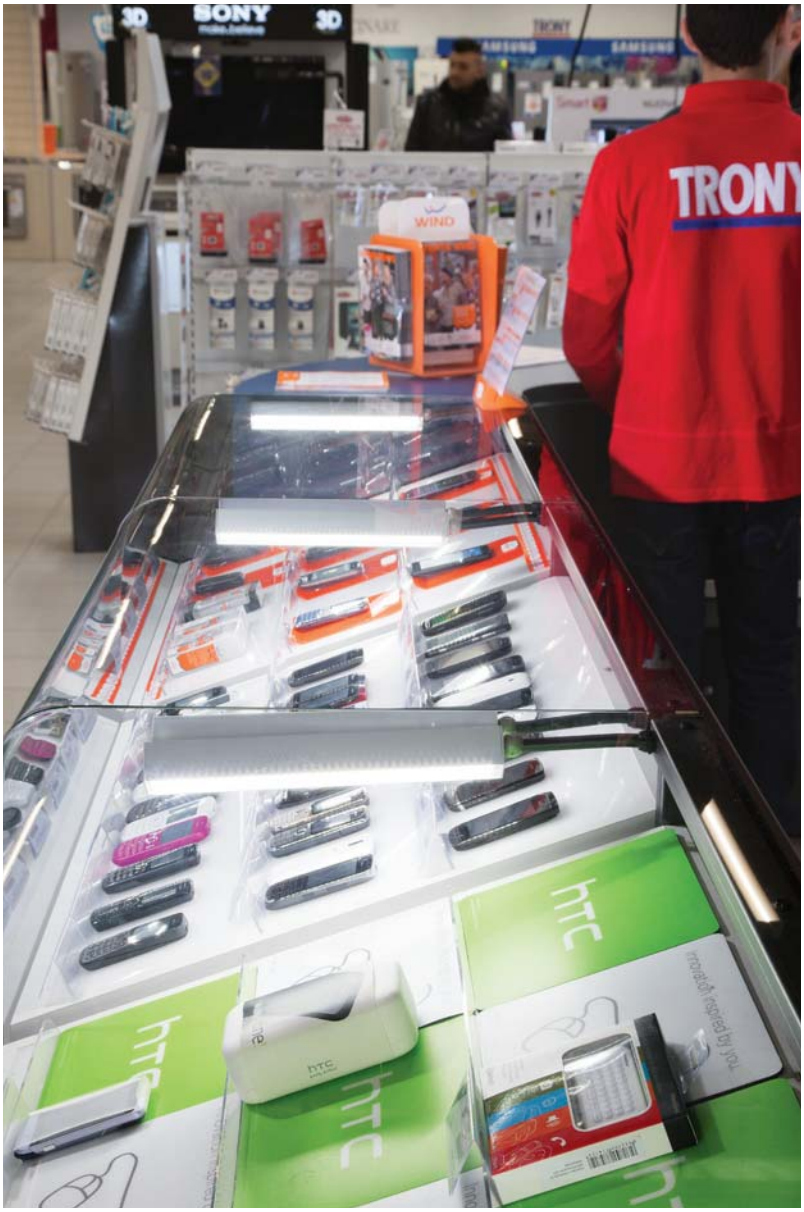
Binario disponibile in due misure 120 mm o 240 mm, con biadesivo sul retro.

Track available in two sizes: 120 mm and 240 mm. Adhesive strip on the back.

Collegamento della lampada al binario alimentato a 24V.

Light connected to 24V powered track.

LED Pervetro



Referenze/Reference: Trony DPS, Pavia.

Pervetro LED è un apparecchio tecnico speciale ruotabile da parete a 360°, soffitto o applicabile su qualsiasi supporto dal piccolo ingombro ideale per vetrine espositive per ambiti commerciali e in qualsiasi altro ambito dove è necessario un'illuminazione dedicata ma diffusa per evidenziare oggetti.
Un apparecchio contenuto a forma parallelepipeda di colore grigio in alluminio a luce diffusa con apertura di 110° a LED da 15W 24Vdc.
Il bassissimo consumo di energia e la durata di oltre 30000 ore rendono Pervetro LED ideale per illuminare risparmiando energia annullando anche i costi per la manutenzione.
Efficace per grandi centri commerciali e supermercati.
Pervetro LED, la luce giusta per le vostre vetrine.

Installazione: parete, soffitto e su strutture metalliche o in legno.

Materiali: Corpo in alluminio estruso. Verniciatura di tipo poliestere eseguita a polvere.

Sorgente: LED 15W 24Vdc.

Alimentazione: inclusa.

CONFORME ALLA NORMA: EN62471: 2008, sicurezza fotobiologica delle lampade e dei sistemi di lampade.

Pervetro LED is a special technical luminaire designed to be mounted on walls with 360° adjustability, ceilings or any type of support, with compact size, ideal for shop windows in retail spaces and in any other setting that requires dedicated, yet diffuse light to highlight objects.
It has a compact parallelepiped body made of grey aluminium with diffuse emission with 110° light beam, equipped with 15W 24Vdc LED.
The ultra-low energy consumption and the duration of over 30,000 hours make Pervetro LED ideal for lighting while saving on energy and cutting down maintenance costs.
Extremely practical for large department stores and supermarkets.
Pervetro LED, the right light for your shop windows.

Installation: *wall, ceiling, wood or metal structures.*

Materials: *Extruded aluminium body. Polyester powder coating.*

Light source: *15W 24Vdc LED.*

Power supply: *included.*

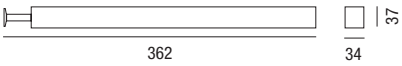
ACCORDING TO STANDARD: *EN62471: 2008, photobiological safety of lamps and lamp systems.*

Accessori - *Accessories*

Non inclusi - *Not included*
895001
KIT FISSAGGIO su stelo
FIXING KIT on stick

220÷240V 50-60Hz IP20

LED Pervetro

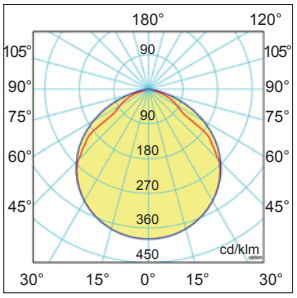


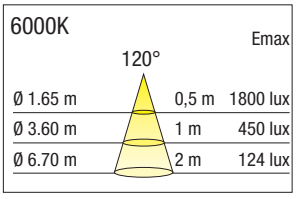
> 30.000 h 15W LED ≈ 15.000 h 21W

±360° INCLUDED

colour	W	V	mA			Lm	K	pcs	Kg	CELL	Euro cad.
S	15	24Vdc	600	120°	B 42 LED	1200	6000	001	0,450	890021	220,50
KIT FISSAGGIO su stelo - *FIXING KIT on stick*										895001	16,38

Dati fotometrici - *Photometric data*





LED Luxxi

Serie di proiettori a sospensione a soffitto/binario elettrificato con LED di potenza (LUXXI 320/B) e LED multi chip C.O.B. (LUXXI 320/A e LUXXI 500), per illuminazione di spazi commerciali, magazzini e residenziali.

Riflettore in Metacrilato PMMA prismatizzato all'interno e liscio all'esterno, per una rapida pulizia. Disponibile anche con riflettore in alluminio anodizzato naturale (LUXXI 500).

Schermo di protezione frontale in Policarbonato trasparente (diametro 320) per LUXXI 320/A e 320/B, da ordinare a parte, come accessorio.

Schermo di protezione in policarbonato trasparente diametro 500 per LUXXI 500 Policarbonato) e in vetro temprato diametro 480mm per LUXXI 500 alluminio, da ordinare a parte, come accessorio.

LED LUXXI 320/A e LED LUXXI 500 composizione lampada

- Vano porta componenti in alluminio pressofuso, verniciato a polveri poliestere resistente alla corrosione ed agli agenti atmosferici. Dissipatore in lega di alluminio estruso.
- Piastra porta cablaggio in acciaio, con fissaggio di sicurezza
- Piastra di sostegno LED/dissipatore in policarbonato.
- LED LUXXI 320/A con sistema di sospensione a 2 cavi di acciaio (L. 2 mt) e rosone soffitto (incluso) o adattatore binario da ordinare a parte, come accessorio.
- LED LUXXI 500 con sistema di sospensione a catena in acciaio (L. 50 cm.) e rosone a soffitto (incluso) o adattatore binario da ordinare a parte, come accessorio.

Alimentazione: incorporata.
A richiesta: disponibili versioni LUXXI dimmerabili e potenze intermedie.

CONFORME ALLA NORMA: EN62471: 2008, sicurezza fotobiologica delle lampade e sistemi di lampade

Series of ceiling/powered track pendant floods using power LEDs (LUXXI 320/B) and multi-chip COB LEDs (LUXXI 320/A and LUXXI 500), for lighting commercial and residential areas and warehouses.

PMMA Methacrylate reflector, prismatic on the inside and smooth on the outside, for easy cleaning. Also available with a naturally anodised aluminium reflector (LUXXI500).

Transparent polycarbonate protective frontal screen (320 mm diameter) for LUXXI 320/A and 320/B to be ordered as a separate accessory.

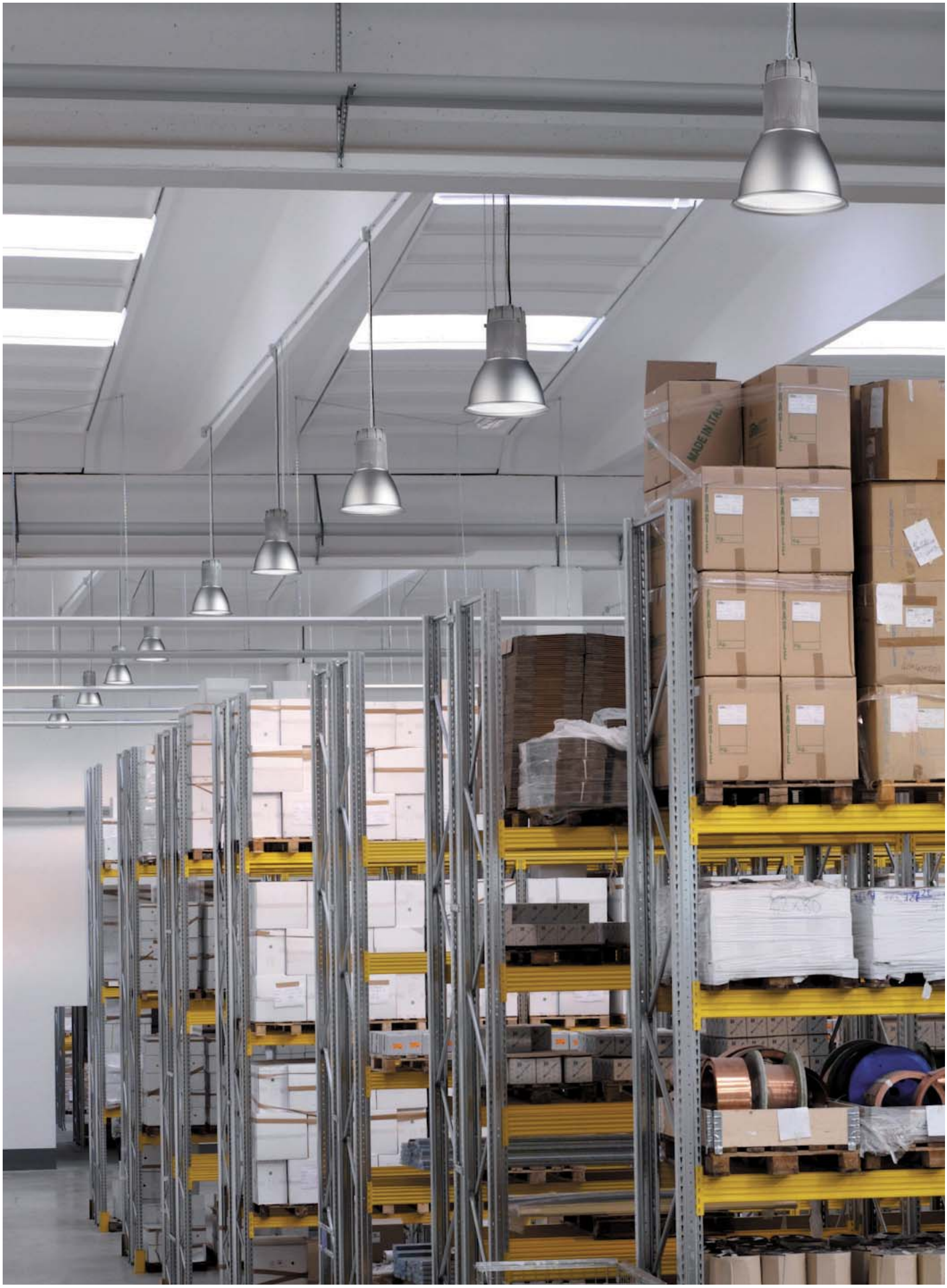
Transparent polycarbonate protective frontal screen for LUXXI 500 polycarbonate (500 mm diameter) and toughened glass screen for LUXXI 500 aluminium (480 mm diameter) to be ordered as separate accessories.

LUXXI 320/A e LUXXI 500

- *Die cast aluminium wiring box, coated with grey polyester powder resistant to atmospheric agents and corrosion. Extruded aluminium alloy heat sink.*
- *Steel gear tray with safety fixtures*
- *Polycarbonate LED support tray/heat sink.*
- *LUXXI 320/A Suspension system consisting of 2 x 2m steel cables and ceiling rose (incluse) or track adaptor to be ordered as separate accessories.*
- *LUXXI 500 Suspension system consisting of a 50 cm steel chain and ceiling rose (incluse) or track adaptor to be ordered as separate accessories.*

Power supply: *integrated.*
On request: *available versions of LUXXI Led dimmable and intermediate powers.*
ACCORDING TO STANDARD: *EN62471: 2008, photobiological safety of lamps and lamp systems*

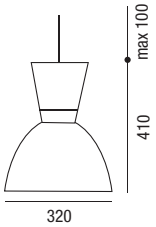
LED Luxxi 500 - 195W



DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

230V 50Hz IK08 IP20

LED Luxxi 320/A



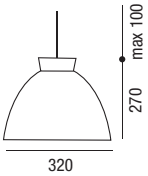
Pag. 97

> 50.000 h 30W LED ≈ 10.000 h 70W-HQI

INCLUDED

colour	W	mA			Lm	K	pcs	Kg	CELL	Euro cad.
A N	30	700	40°	B 30Wx1 LED	2700	6000	001	4.90	28154	203,70
A N	30	700	40°	B 30Wx1 LED	2350	3000	001	4.90	28155	203,70

LED Luxxi 320/B



Pag. 97

> 30.000 h 27W LED ≈ 10.000 h 35W-HQI

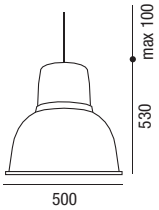
INCLUDED

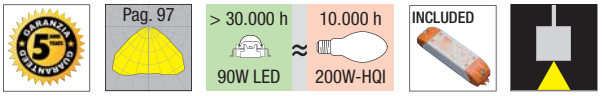
colour	W	mA			Lm	K	Cd	pcs	Kg	CELL	Euro cad.
N	27	700	40°	B 3Wx9 LED	2043	6000	4086	001	2.10	28156	162,75
N	27	700	40°	B 3Wx9 LED	2043	3000	4086	001	2.10	28157	162,75

LED Luxxi 320/A - 30W

230V 50Hz IK08 IP20

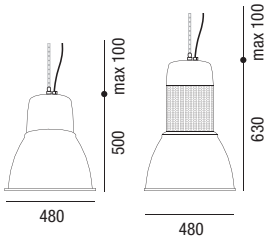
LED Luxxi 500 (policarbonato)



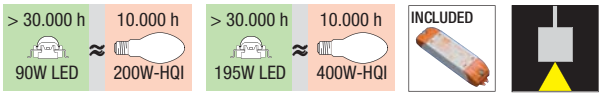


colour	W	mA			Lm	K	pcs	Kg	CELL	Euro cad.
N	90	3x700	25°	B 30Wx3 LED	8100	6000	001	7.00	28158	500,00
N	90	3x700	25°	B 30Wx3 LED	7050	3000	001	7.00	28159	500,00
N	90	3x700	40°	B 30Wx3 LED	8100	6000	001	7.00	28160	500,00
N	90	3x700	40°	B 30Wx3 LED	7050	3000	001	7.00	28161	500,00

LED Luxxi 500 (alluminio)



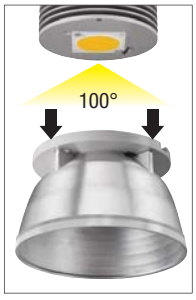
90W **195W**



colour	W	mA			Lm	K	pcs	Kg	CELL	Euro cad.
N	90	3x700	25°	B 30Wx3 LED	8100	6000	001	7.00	28162	500,00
N	90	3x700	25°	B 30Wx3 LED	7050	3000	001	7.00	28163	500,00
N	90	3x700	40°	B 30Wx3 LED	8100	6000	001	7.00	28164	500,00
N	90	3x700	40°	B 30Wx3 LED	7050	3000	001	7.00	28165	500,00
G	120	2x1400	40°	B 60Wx2 LED	9200	6000	001	5.40	28173	650,00
G	120	2x1400	40°	B 60Wx2 LED	9100	4000	001	5.40	28174	650,00
G	120	2x1400	40°	B 60Wx2 LED	9100	3000	001	5.40	28172	650,00
G	195	3x1800	20°	B 65Wx3 LED	13800	6000	001	9.20	28168	750,00
G	195	3x1800	40°	B 65Wx3 LED	13800	6000	001	9.20	28169	750,00
G	195	3x1800	60°	B 65Wx3 LED	13800	6000	001	9.20	28170	750,00
G	195	3x1800	40°	B 65Wx3 LED	13000	4000	001	9.20	28171	750,00

LED Luxxi 500 195W

Riflettore/Reflector



Rimuovendo il riflettore dalla sorgente luminosa l'angolo di emissione è 100°

removing the reflector, the emitting angle is 100 °

Composizione lampada e accessori inclusi - *Lamp composition and included accessories*

LED Luxxi 320/A

LED Luxxi 320/B

LED Luxxi 500

LED Luxxi 500 195W

Accessori - *Accessories*

LED LUXXI 320/A - 320/B

Cod. 704018.0101

Schermo di protezione in policarbonato

Polycarbonate protection schield

LED LUXXI 500

Versione policarbonato
Policarbonate version

Cod. 800007.0101

Schermo di protezione in policarbonato

Polycarbonate protection schield

LED LUXXI 500

Versione alluminio
Aluminum version

Cod. 800009.0101

Schermo di protezione in vetro con sicurezza

Glass protection schied with security

LED LUXXI 320/A - 320/B

Cod. 28166

Kit per montaggio a binario

Track mounting kit

LED LUXXI 500 tutte le versioni - all version

Cod. 28167

Kit per montaggio a binario

Track mounting kit

Montaggio a binario - *Track mounting*

LED Luxxi 320/A

LED Luxxi 320/B

LED Luxxi 500

LED Luxxi 500 195W

Dati fotometrici - *Photometric data*

Luxxi 320/A

6000K — 40°

		Emax
Ø 1.52 m	1 m	4690 lux
Ø 3.20 m	2 m	1045 lux
Ø 5.60 m	3 m	234 lux

3000K — 40°

		Emax
Ø 1.52 m	1 m	4070 lux
Ø 3.20 m	2 m	908 lux
Ø 5.60 m	3 m	195 lux

Luxxi 320/B

6000K — 40°

		Emax
Ø 0.77 m	1 m	4086 lux
Ø 1.54 m	2 m	1022 lux
Ø 2.30 m	3 m	454 lux

3000K — 40°

		Emax
Ø 0.77 m	1 m	2916 lux
Ø 1.54 m	2 m	729 lux
Ø 2.30 m	3 m	324 lux

6000K — 25°

		Emax
Ø 0.55 m	1 m	21100 lux
Ø 1.10 m	2 m	4700 lux
Ø 1.53 m	3 m	1053 lux

3000K — 25°

		Emax
Ø 0.55 m	1 m	18140 lux
Ø 1.10 m	2 m	4080 lux
Ø 1.53 m	3 m	880 lux

Luxxi 500 - **90W**

6000K — 40°

		Emax
Ø 1.86 m	1 m	14070 lux
Ø 3.60 m	2 m	3135 lux
Ø 6.20 m	3 m	702 lux
Ø 12.10 m	4 m	171 lux

3000K — 40°

		Emax
Ø 1.86 m	1 m	12210 lux
Ø 3.60 m	2 m	2720 lux
Ø 6.20 m	3 m	585 lux
Ø 12.10 m	4 m	140 lux

6000K — 25°

		Emax
Ø 1.32 m	1 m	63315 lux
Ø 2.57 m	2 m	12540 lux
Ø 4.13 m	3 m	1710 lux
Ø 8.01 m	4 m	420 lux

3000K — 25°

		Emax
Ø 1.32 m	1 m	54945 lux
Ø 2.57 m	2 m	10880 lux
Ø 4.13 m	3 m	1410 lux
Ø 8.01 m	4 m	351 lux

Luxxi 500 - **120W**

6000K — 40°

		Emax
Ø 0.63 m	1 m	14133 lux
Ø 1.17 m	2 m	3533 lux
Ø 1.71 m	3 m	1786 lux
Ø 2.24 m	4 m	880 lux

4000K — 40°

		Emax
Ø 0.63 m	1 m	13200 lux
Ø 1.17 m	2 m	3300 lux
Ø 1.71 m	3 m	1633 lux
Ø 2.24 m	4 m	810 lux

3000K — 40°

		Emax
Ø 0.63 m	1 m	13050 lux
Ø 1.17 m	2 m	3180 lux
Ø 1.71 m	3 m	1580 lux
Ø 2.24 m	4 m	780 lux

Luxxi 500 - **195W**

6000K — 20°

		Emax
Ø 0.45 m	1 m	67500 lux
Ø 0.81 m	2 m	16870 lux
Ø 1.15 m	3 m	8450 lux
Ø 1.51 m	4 m	4210 lux

6000K — 40°

		Emax
Ø 0.63 m	1 m	21200 lux
Ø 1.17 m	2 m	5300 lux
Ø 1.71 m	3 m	2680 lux
Ø 2.24 m	4 m	1325 lux

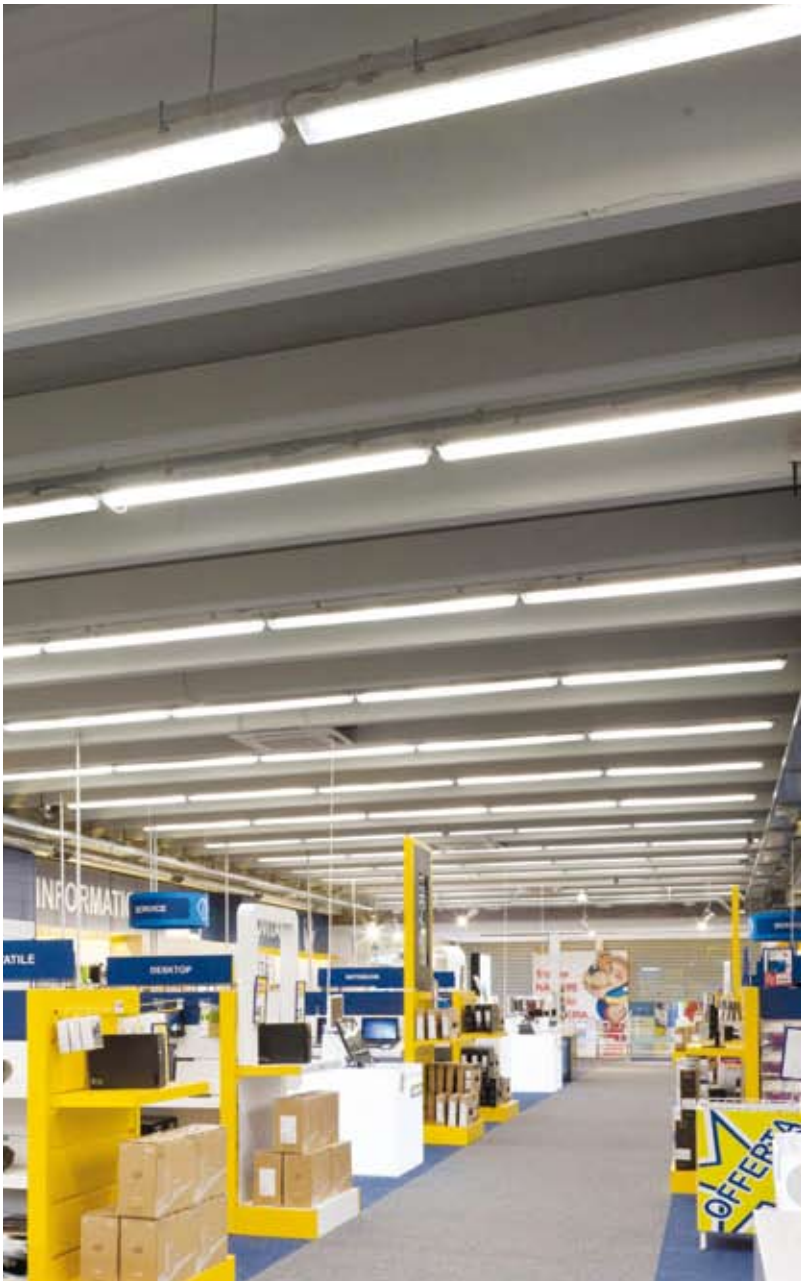
6000K — 60°

		Emax
Ø 0.82 m	1 m	16800 lux
Ø 1.55 m	2 m	4200 lux
Ø 2.28 m	3 m	2150 lux
Ø 3.10 m	4 m	1050 lux

4000K — 40°

		Emax
Ø 0.63 m	1 m	19800 lux
Ø 1.17 m	2 m	4950 lux
Ø 1.71 m	3 m	2450 lux
Ø 2.24 m	4 m	1230 lux

LED Allegra



Referenze/ *reference:* Euronics Limbiate, (Mi)

Campo di impiego: Apparecchi di illuminazione a led per applicazioni a luce diffusa da interno e da esterno.
LED ALLEGRA utilizza LED SEOUL SEMICONDUCTOR
Le elevate prestazioni illuminotecniche consentono a questi apparecchi di illuminazione di poter essere collocati in molteplici campi applicativi quali ad esempio, aree comuni, negozi, magazzini anche dove sia richiesto un elevato indice di protezione alle polveri (6), all'acqua (5) ed agli urti (8).
Disponibili in più lunghezze e wattaggi gli apparecchi **LED ALLEGRA** possono essere fissati a parete/plafone mediante apposite clips metalliche di facile installazione.
Il bassissimo consumo di energia elettrica e la durata di oltre 30.000 ore (contro le tradizionali 12.000 delle sorgenti a fluorescenza) rendono la famiglia LED ALLEGRA ideale in tutte quelle applicazioni dove servono:
- un corretto livello di illuminamento dell'ambiente e dei piani di lavoro in conformità alla normativa vigente
- una corretta distribuzione della luce; per definizione il led emette solo su un semipiano - quello di uscita dall'apparecchio - per cui i LED ALLEGRA non necessitano di riflettori di recupero che generano sensibili perdite di rendimento.
- un elevato risparmio energetico
- consentono di eliminare i costi relativi alla manutenzione ordinaria (sostituzione delle sorgenti luminose) e di quella straordinaria lasciando al committente i soli costi di installazione e – a fine vita – rimozione e smaltimento degli articoli esausti.

A richiesta: sono disponibili anche le versioni di Led Allegra dimmerabili.
Corpo e ganci: in tecnopolimero stampato di colore grigio
Dissipatore: in lastra di alluminio
Diffusore: in tecnopolimero trasparente
Clips di fissaggio: in acciaio inox
Emergenza: 30W autonomia 3h.
CONFORME ALLA NORMA: EN62471: 2008, sicurezza fotobiologica delle lampade e sistemi di lampade

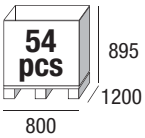
Field of application: *LED light fixtures for indoor and outdoor diffused light applications.*
LED ALLEGRA uses LED SEOUL SEMICONDUCTOR
Thanks to their high lighting performance, these fixtures can be used in a number of applications, such as communal areas, shops and warehouses but also where high protection from dust (6), water (5) and shocks (8) is required.
*Available in several lengths and wattages, the **ALLEGRA LED** fixtures can be fixed to walls/ceilings with the special metal clips, making installation easy.*
The very low energy consumption and the operating life of over 30,000 hours (against the traditional 12,000 hours of fluorescent sources) mean the ALLEGRA LED family is ideal for applications requiring:
- correct lighting levels of areas and work surfaces in compliance with current regulations;
- correct light distribution; by definition the LED emits only on a half-plane – the one exiting from the fixture – therefore the ALLEGRA LEDs do not need recovery reflectors that generate noticeable losses in efficiency;
- high energy savings;
- they eliminate costs related to routine maintenance (replacing light bulbs) and special maintenance, leaving the customer just the installation costs and – ultimately – removal and disposal of the used items.
On request: *available versions of Allegra Led dimmable*
Body and hooks: *made with grey moulded technopolymer*
Dissipator: *made with aluminium plate*
Diffuser: *made with transparent technopolymer*
Fixing clips: *made with stainless steel*
Emergency: *30W autonomy 3h.*
ACCORDING TO STANDARD: *EN62471: 2008, photobiological safety of lamps and lamp systems*

230-240V 50Hz CRI 85 IK08 IP65

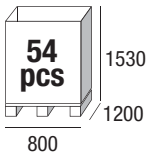
misure disponibili - *measures available*

dimensioni pallets - *pallets dimensions*

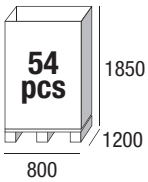
LED Allegra 680 mm



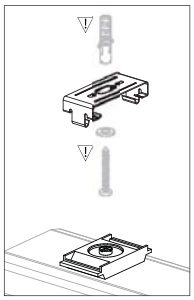
LED Allegra 1280 mm



LED Allegra 1580 mm



Accessori inclusi- *Accessories included*



Tasselli e viti non compresi. Per l'installazione a parete o soffitto utilizzare tasselli e viti adeguati alla superficie su cui andrà ancorata.

Plug and screws are not included.
Ceiling or wall installation use plug and screws that adapted to surface upon which will anchored.

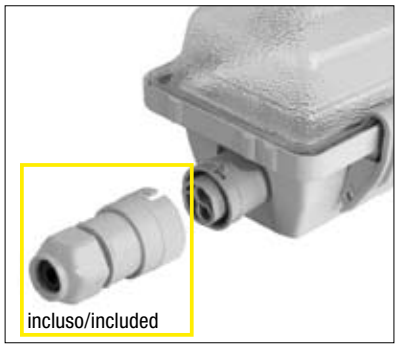
Accessori non inclusi - *Accessories not included*

descrizione/description		L mm	codice/code
Lente lineare per correzione *Linear lens correction*	25	1540	32094

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

230-240V 50Hz | CRI 85 | IK08 | IP65

LED Allegra



12W-24W* | 24W - 48W | 30W - 60W

Pag. 102 | INCLUDED

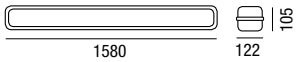
> 30.000 h	≈	12.000 h
12W LED		18W
24W LED		36W
30W LED		58W
48W LED		2x36W
60W LED		2x58W

LED Allegra

colour	W			Lm	K	pcs	pcs/ pallets	Kg	CELL	Euro cad.
G	12	180°	B 144 LED	1050	4000	001	54	3.52	32000	145,00
G	24*	180°	B 84 LED	2300	4000	001	54	3.52	32003	160,00
G	24	180°	B 288 LED	1700	4000	001	54	4.40	32001	160,65
G	30	180°	B 360 LED	2100	4000	001	54	5.46	32002	200,55
G	48	180°	B 168 LED	4250	3000	001	54	4.40	32020	174,25
G	48	180°	B 168 LED	4600	4000	001	54	4.40	32030	174,25
G	48	180°	B 168 LED	4950	6000	001	54	4.40	32032	174,25
G	60	180°	B 210 LED	5150	3000	001	54	5.46	32022	205,80
G	60	180°	B 210 LED	5600	4000	001	54	5.46	32031	205,80
G	60	180°	B 210 LED	5900	6000	001	54	5.46	32033	205,80

LED Allegra Emergenza SA

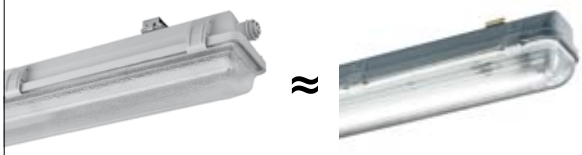
colour	W			Lm	Flusso *Flux* K	Emergenza *Emergency* Lm	3h	Batteria/*Battery* Ni-Cd Volt	Ah	Kg	CELL	Euro cad.
G	60	180°	B 210 LED	5600	4000	10%	●	4,8	4	5.90	32031/EMER	261,00
G	60	180°	B 210 LED	6050	6000	10%	●	4,8	4	5.90	32033/EMER	261,00



60W

Comparazione - *Comparison*

> 30.000 h. 12.000 h.

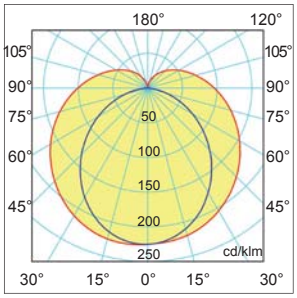


12W LED	18W FLUO
24W LED	2x18W FLUO
24W LED	36W FLUO
30W LED	58W FLUO
48W LED	2x36W FLUO
60W LED	2x58W FLUO

Confezione - *Packaging*

Dati fotometrici - *Photometric data*

12W - 24W - 30W - 48W - 60W LED



12W-1050 Lm

3000K - 4000K

		Emax
Ø 2.85 m	1 m	320 lux
Ø 5.71 m	2 m	74 lux
Ø 8.56 m	3 m	37 lux

24W-1700 Lm

3000K - 4000K

		Emax
Ø 2.85 m	1 m	516 lux
Ø 5.71 m	2 m	129 lux
Ø 8.56 m	3 m	63 lux

24W-2300 Lm

3000K - 4000K

		Emax
Ø 2.85 m	1 m	670 lux
Ø 5.71 m	2 m	167 lux
Ø 8.56 m	3 m	82 lux

30W-2100 Lm

3000K - 4000K

		Emax
Ø 2.85 m	1 m	639 lux
Ø 5.71 m	2 m	160 lux
Ø 8.56 m	3 m	78 lux

48W-4600 Lm

3000K - 4000K

		Emax
Ø 2.85 m	1 m	1400 lux
Ø 5.71 m	2 m	351 lux
Ø 8.56 m	3 m	173 lux

60W-5600 Lm

3000K - 4000K

		Emax
Ø 2.85 m	1 m	1700 lux
Ø 5.71 m	2 m	425 lux
Ø 8.56 m	3 m	210 lux

48W-4950 Lm

6000K

		Emax
Ø 2.85 m	1 m	1480 lux
Ø 5.71 m	2 m	360 lux
Ø 8.56 m	3 m	180 lux

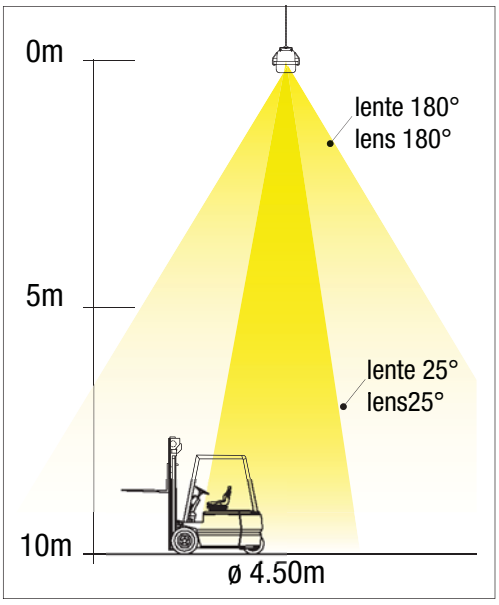
60W-5900 Lm

6000K

		Emax
Ø 2.85 m	1 m	1780 lux
Ø 5.71 m	2 m	480 lux
Ø 8.56 m	3 m	230 lux

LENTE PLUS 25°

cod. 32060003
Lente lineare 25° per correzione flusso
Linear lens flux correction 25°



60W - 25°

3000K-4000K

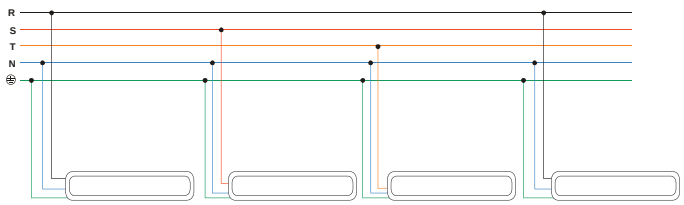
		Emax
Ø 0.80 m	2 m	1210 lux
Ø 1.76 m	4 m	310 lux
Ø 2.80 m	6 m	130 lux
Ø 3.60 m	8 m	78 lux
Ø 4.50 m	10 m	49 lux

6000K

		Emax
Ø 0.80 m	2 m	1250 lux
Ø 1.76 m	4 m	330 lux
Ø 2.80 m	6 m	135 lux
Ø 3.60 m	8 m	82 lux
Ø 4.50 m	10 m	52 lux

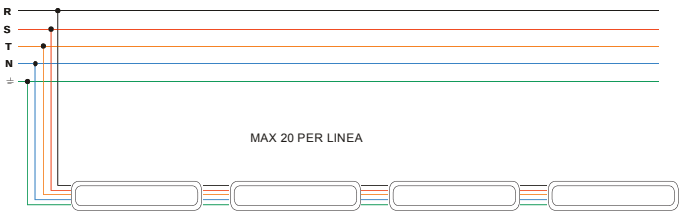
Schemi di collegamento - *Conection diagram*

Allegra LED



Collegamento Standard necessita di canaline esterne
Standard connection, requires external cable ducts

Allegra LED RN3/RN4/RN6



Collegamento completamente interno alla lampada
Completely connection inside the lamp

Referenze/ *reference:* Euronics Limbiate, (Mi)

LED Allegra inox

Campo di impiego: apparecchi industriali da interno ed esterno, predisposti per installazione a soffitto, a sospensione o a parete

LED ALLEGRA inox utilizza LED SEOUL SEMICONDUCTOR

Corpo: in acciaio inossidabile AISI 304, spessore 0.7mm.

Ganci: in acciaio inox

Schermo: vetro temperato trasparente

Sorgente: Led SMD alta efficienza OSRAM o SEOUL

Cablaggio: completo di alimentazione elettronica

Emergenza: a richiesta.

Risparmio sul numero di apparecchi
Le lampade fluorescenti subiscono un decadimento del flusso luminoso di circa il 20% già dopo poche migliaia di ore di funzionamento. Questo decadimento non è invece caratteristico dei led. Già in sede di progettazione è possibile quindi considerare una minor quantità di corpo illuminanti.

Risparmio sulla manutenzione ordinaria
I maggiori costruttori di lampade suggeriscono la sostituzione dei tubi fluorescenti ogni 2 anni di funzionamento. I led non hanno bisogno di manutenzione e la loro durata è di oltre 30.000 ore.

Risparmio di gas CO_2

Risparmio di kWh

CONFORME ALLA NORMA: EN62471: 2008, sicurezza fotobiologica delle lampade e dei sistemi di lampade.

Field of use: *internal and external industrial appliances for mounting on ceilings or walls or for suspended applications.*

LED ALLEGRA inox *uses LED* SEOUL SEMICONDUCTOR

Body: *stainless-steel AISI 304, 0,7mm tickness.*

Clips: *stainless-steel*

Shield: *transparent in temperate glass*

Source: *high efficiency SMD Led*

Wiring: *complete with electronic power supply*

Emergency: Upon request.

Savings on the number of lighting devices
Fluorescent lights show a drop in luminous power of approximately 20% even after a few thousand hours of operation, while such decrease is not typical of LED lighting. It is possible to reduce the number of lighting units during design.

Savings on regular maintenance
Large lamp manufacturers recommend replacing fluorescent tubes every 2 years of operation. LED lights are maintenance-free and last over 30.000 hours.

Lower CO_2 emissions

Lower kWh consumption

ACCORDING TO STANDARD: *EN62471: 2008, photobiological safety of lamps and lamp systems.*

Accessori - *Accessories*

Inclusi - *Included*

Kit per montaggio a soffitto/sospensione.
Ganci in acciaio inox.
Connettore alimentazione

Surface/suspension kit
Stainless steel clips
Power supply Connector

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

230-240V 50Hz

CRI 85 | IK08 | IP65

LED Allegra inox

> 30.000 h — 48W LED ≈ 12.000 h — 2x36W

> 30.000 h — 60W LED ≈ 12.000 h — 2x58W

INCLUDED

colour	W			Lm	K	pcs	Kg	CELL	Euro cad.
S	48	180°	B 168 LED	4600	4000	001	5.30	32030/INOX	295,00
S	48	180°	B 168 LED	4950	6000	001	5.30	32032/INOX	295,00
S	60	180°	B 210 LED	5600	4000	001	6.60	32031/INOX	350,00

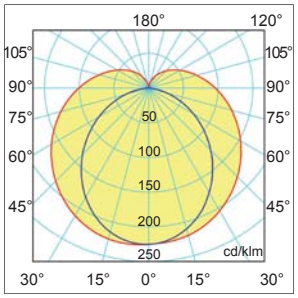
Comparazione - *Comparison*

> 30.000 h. 12.000 h.

48W LED.....2x36W FLUO
60W LED.....2x58W FLUO

Dati fotometrici - *Photometric data*

48W LED - 60W LED



48W-4600 Lm

4000K

		Emax
Ø 2.85 m	1 m	1400 lux
Ø 5.71 m	2 m	351 lux
Ø 8.56 m	3 m	173 lux

60W-5600 Lm

4000K

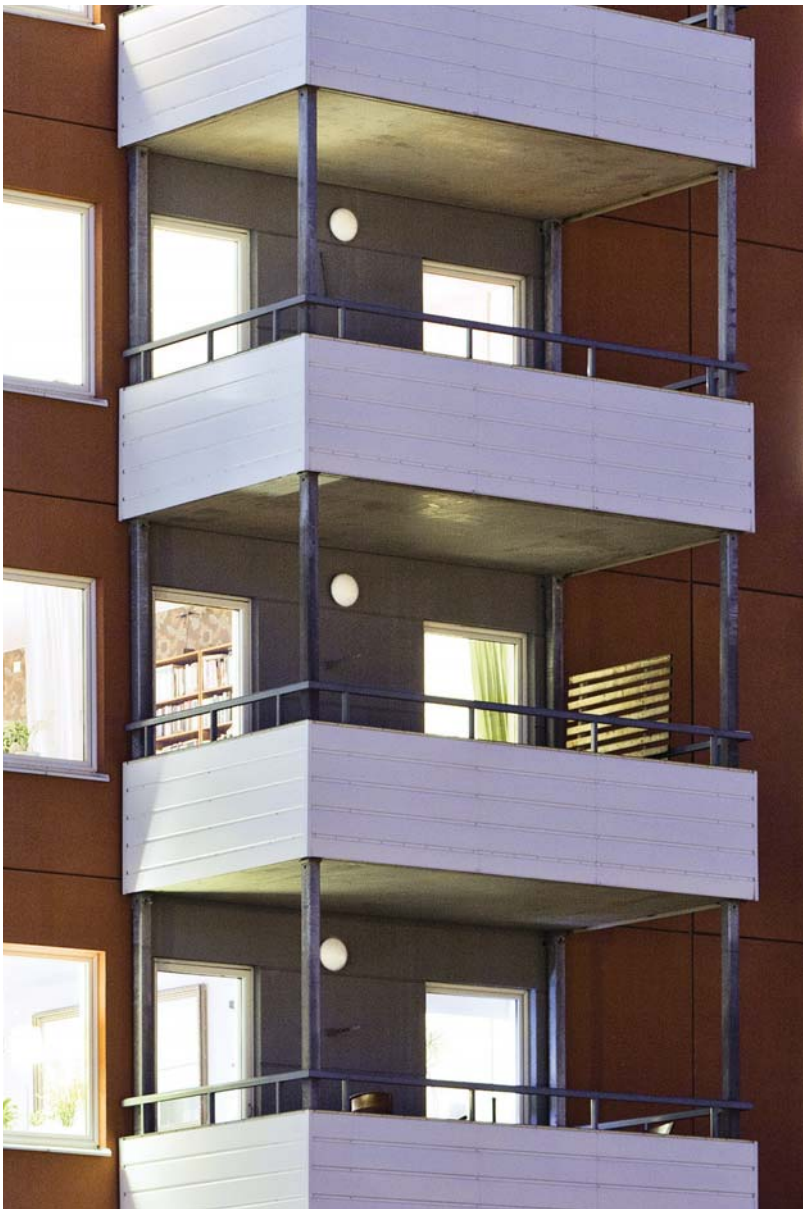
		Emax
Ø 2.85 m	1 m	1700 lux
Ø 5.71 m	2 m	425 lux
Ø 8.56 m	3 m	210 lux

48W-4950 Lm

6000K

		Emax
Ø 2.85 m	1 m	1520 lux
Ø 5.71 m	2 m	370 lux
Ø 8.56 m	3 m	185 lux

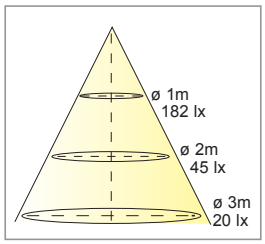
Serie LED Platax



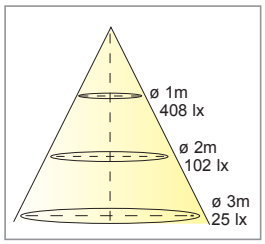
Confezione - *Packaging*

Dati fotometrici - *Photometric data*

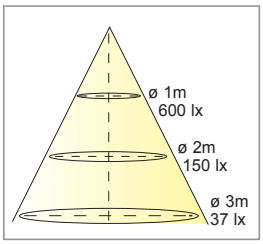
LED Platax 11W



LED Platax 16W



LED Platax 22W



LEDlight

LED Platax

Caratteristiche tecniche

Plafoniera a LED compatta stagna idonea per applicazioni civili, commerciali, alberghiere ed ovunque siano richieste caratteristiche di protezione contro l'ingresso di polveri o liquidi. Platax utilizza LED SEOUL SEOUL SEMICONDUCTOR

Corpo e cornice: in nylon rinforzato con fibre di vetro, guarnizione in silicone, viti Torx anti-vandalo imperdibili.

Diffusore: in policarbonato opale per la versione 11 e 22 W, semi-opale per la versione 16W, antiurto ed autoestinguente.

Cablaggio: composto da alimentazione 220-240V 50Hz, cavi in PVC HT 105° non propagante la fiamma, doppio isolamento. Platax è installabile sia per impianto sotto parete che esterno; fornita di serie con pressacavo in nylon PG9.

Confezione: in cartone.

Norme di riferimento: EN60598-1, EN60598.2.1, EN62471, EN62031.
Nessun rischio fotobiologico, RG0 gruppo di rischio esente (EN62471).

Technical features

Compact waterproof fitting suitable for civil, commercial, hotel applications, etc. where fixtures need to be protected against the entry of dust or liquids. Platax uses LED SEOUL SEOUL SEMICONDUCTOR

Body and frame: *made of nylon reinforced with glass fibres, silicone gasket, non-loosening Torx screws.*

Diffuser: *made of shockproof and self-extinguishing opal polycarbonate, opal for 11 and 22W version, semi-opal for 16W version.* ***Wiring:*** *includes 220-240V 50Hz control gear, non-flame propagating PVC HT 105° cables, double insulated. Platax can be installed in both concealed and outdoor circuits; supplied with nylon cable gland PG9.*

Packaging: *cardboard.*

Reference stadards: *EN60598-1, EN60598.2.1, EN62471, EN62031.*
No risk of photobiological damage, RG0 group (EN62471).

PLATAX EYE LED con sensore di movimento - with motion sensor

Caratteristiche tecniche

Plafoniera a LED con sensore ad alta frequenza a 5,8 GHz. Colorazione neutra e gradevole, intensità e tonalità della luce invariate nel tempo. Sensore invisibile estremamente sensibile e silenzioso nell'accensione, con risposta immediata. Platax utilizza LED SEOUL SEOUL SEMICONDUCTOR. È possibile regolare la sensibilità di rilevamento, la distanza di intervento, la soglia di luminosità ed il tempo di accensione.

Corpo e cornice, diffusore, cablaggio, confezione: vedi testi LED Platax .

Norme di riferimento: EN60598-1, EN60598.2.1, EN62471, EN62031.
Nessun rischio fotobiologico, RG0 gruppo di rischio esente (EN62471).

Technical features

Fitting with 5.8 GHz high-frequency sensor with neutral and pleasant colour, unaltered light intensity over time, extremely sensitive invisible sensor and silent switching-on, with instant response. Platax uses LED SEOUL SEOUL SEMICONDUCTOR *The detection sensitivity, intervention distance, luminosity threshold and lighting time can be adjusted.*

Body and frame, diffuser, wiring, packaging: *see LED PLATAX Text.*

Reference stadards: *EN60598-1, EN60598.2.1, EN62471, EN62031.*
No risk of photobiological damage, RG0 group (EN62471).

LED Platax / EYE EMERGENZA

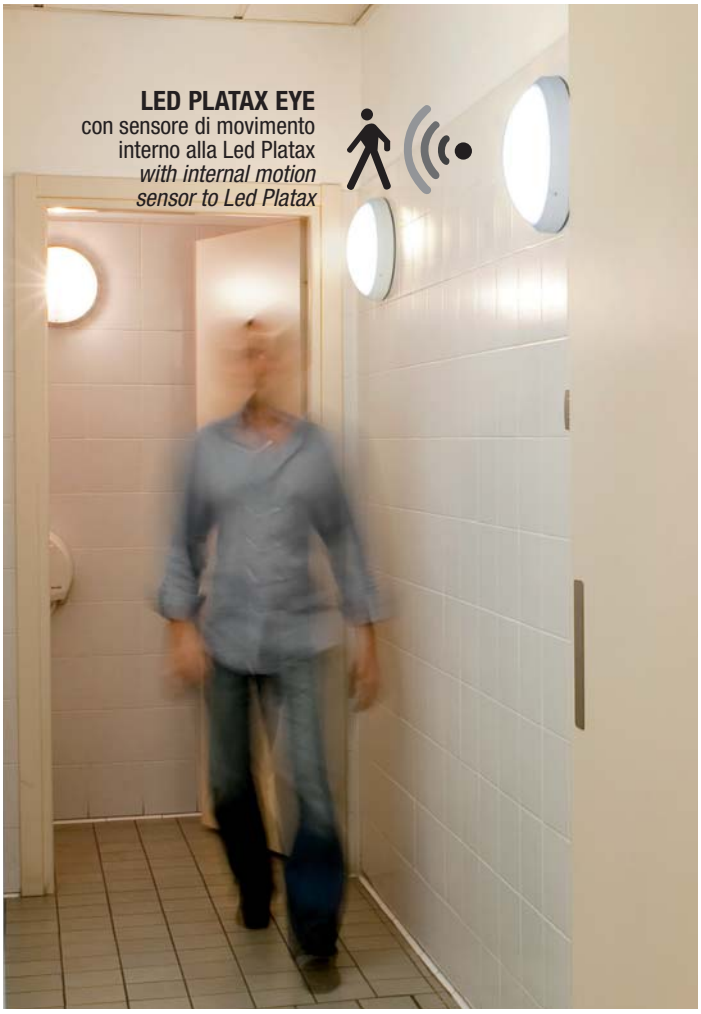
EMERGENZA • *EMERGENCY* • SÉCURITÉ • *NOTBELE*

Caratteristiche tecniche

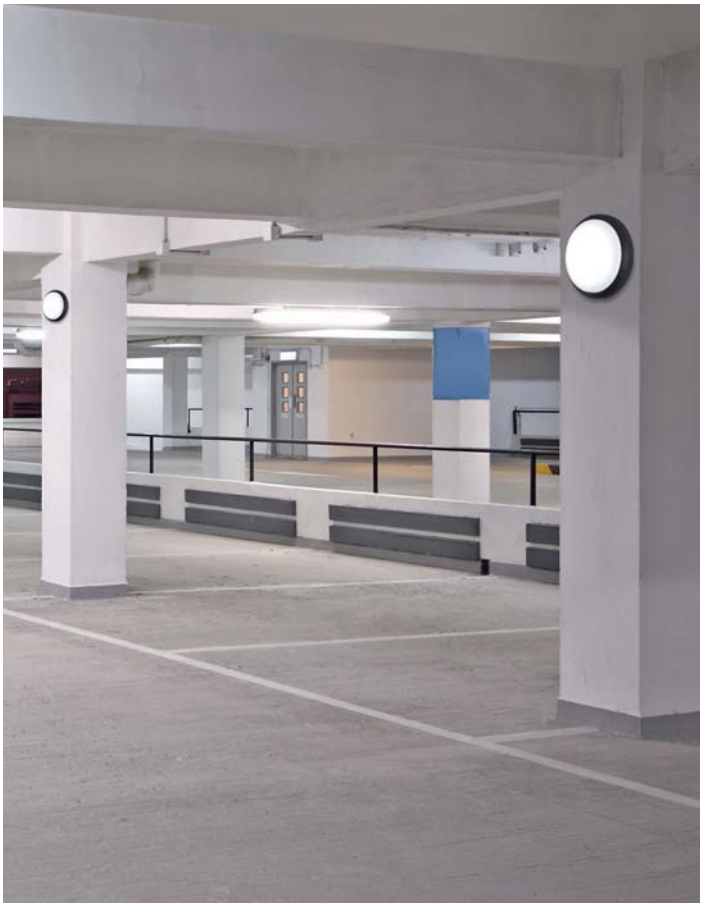
Plafoniera Stagna LED con Emergenza integrata. Platax utilizza LED Seoul semiconductor (32 LED + 8 LED emer.).
Il Gruppo di Emergenza interviene automaticamente in caso di interruzione della rete elettrica **Vedi a pag. 108...**

Technical features

Water Proof fitting LED with Emergency Kit integrated. Platax uses LED semiconductor Seoul (32 LED + 8 LED emer.).
Emergency Kit turns on when power is cut ***See page 108...***


LED PLATAX EYE
con sensore di movimento
interno alla Led Platax
with internal motion
sensor to Led Platax

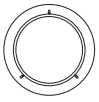
PD-C360I/8 DIMPLUS
sensore di movimento esterno
per Led Platax dimmerabile
external motion sensor to Led
Platax dimmable



DIMMERABILE
DIMMABLE

220-240V 50/60Hz >30.000h 750° EN60598 IK09 IP55

Led Platax



11/16W = Ø 290 mm
22W = Ø 376 mm

11/16W = 95 mm
22W = 100 mm

GARANZIA 5 ANNI

> 30.000 h	≈	1.000 h
11W LED		60W INC.
16W LED		100W INC.
22W LED		150W INC.

LED PLATAX 11W OPAL

colour	W	V		Lm	K	pcs	dm^3	Kg	CELL	Cod EAN 8009935...	Euro cad
B	11	220-240	36x0,30W	570	3000	6	9.00	0,760	555637.0101	020321	75,00
B	11	220-240	36x0,30W	570	4000	6	9.00	0,760	555523.0101	004949	75,00
N	11	220-240	36x0,30W	570	4000	6	9.00	0,760	555522.0101	004871	75,00
G	11	220-240	36x0,30W	570	4000	6	9.00	0,760	555524.0101	004727	75,00

LED PLATAX 16W SEMI-OPAL

Su richiesta versione 110V / *Upon request available in 110V. version*

colour	W	V		Lm	K	pcs	dm^3	Kg	CELL	Cod EAN 8009935...	Euro cad
B	16	220-240	36x0,44W	750	3000	6	9.00	0,850	555638.0101	020390	85,00
B	16	220-240	36x0,44W	750	4000	6	9.00	0,850	555611.0101	015310	85,00
N	16	220-240	36x0,44W	750	4000	6	9.00	0,850	555612.0101	015389	85,00
G	16	220-240	36x0,44W	750	4000	6	9.00	0,850	555624.0101	097231	85,00

Per ordine minimo 200 pcs, aggiungendo il suffisso .01OP (es: 555638.01OP) è possibile avere lo schermo opale
For min order 200 pcs, adding the suffix .01 OP (eg 555638.01OP) you can have the opal diffuser

LED PLATAX XL 22W OPAL

colour	W	V		Lm	K	pcs	dm^3	Kg	CELL	Cod EAN 8009935...	Euro cad
B	22	220-240	84x0,30W	1150	3000	6	9.00	0,850	555639.0101	020468	140,00
B	22	220-240	84x0,30W	1150	4000	6	9.00	0,850	555618.0101	017406	140,00
N	22	220-240	84x0,30W	1150	4000	6	9.00	0,850	555619.0101	017475	140,00
G	22	220-240	84x0,30W	1150	4000	6	9.00	0,850	555625.0101	097309	140,00
O	22	220-240	84x0,30W	1150	4000	6	9.00	0,850	555642.0101	020819	140,00

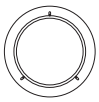
LED PLATAX16W / LED PLATAX EYE 16W - Accessorio - *Accessoire*

colour	Ø	Descrizione /Description	Pcs	Cod.	Euro cad
B Bianco/white	290 mm	Schermo policarbonato opale - *Opal polycarbonate diffuser*	001	DI1000.000	3,65

220-240V 50/60Hz >30.000h 750° EN60598 IK09 IP55

Led Platax Eye

con sensore di movimento - *with motion sensor*



11/16W = Ø 290 mm
22W = Ø 376 mm

GARANZIA 5 anni

> 30.000 h	≈	1.000 h
11W LED		60W INC.
16W LED		100W INC.
22W LED		150W INC.

LED PLATAX EYE 11W OPAL

colour	W	V		Lm	K	pcs	dm^3	Kg	CELL	Cod EAN 8009935...	Euro cad
B	11	220-240	36x0,30W	570	3000	6	9.00	0,825	555635.0101	020253	98,00
B	11	220-240	36x0,30W	570	4000	6	9.00	0,825	555526.0101	005847	98,00
N	11	220-240	36x0,30W	570	4000	6	9.00	0,825	555525.0101	004796	98,00
G	11	220-240	36x0,30W	570	4000	6	9.00	0,825	555527.0101	005830	98,00

LED PLATAX EYE 16W SEMI-OPAL

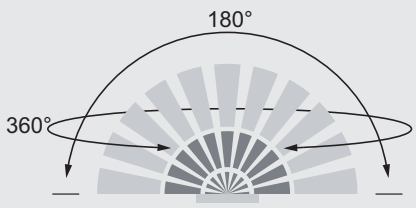
Su richiesta versione 110V / *Upon request available in 110V. version*

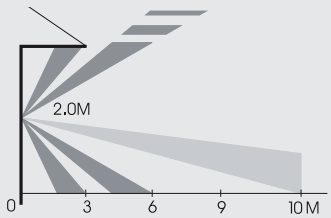
colour	W	V		Lm	K	pcs	dm^3	Kg	CELL	Cod EAN 8009935...	Euro cad
B	16	220-240	36x0,44W	750	3000	6	9.00	0,915	555640.0101	020536	110,00
B	16	220-240	36x0,44W	750	4000	6	9.00	0,915	555613.0101	015457	110,00
N	16	220-240	36x0,44W	750	4000	6	9.00	0,915	555614.0101	015525	110,00
G	16	220-240	36x0,44W	750	4000	6	9.00	0,915	555627.0101	097446	110,00

Per ordine minimo 200 pcs, aggiungendo il suffisso .01OP (es: 555638.01OP) è possibile avere lo schermo opale
For min order 200 pcs, adding the suffix .01 OP (eg 555638.01OP) you can have the opal diffuser

LED PLATAX XL EYE 22W OPAL

colour	W	V		Lm	K	pcs	dm^3	Kg	CELL	Cod EAN 8009935...	Euro cad
B	22	220-240	84x0,30W	1150	3000	6	9.00	0,915	555641.0101	020604	190,00
B	22	220-240	84x0,30W	1150	4000	6	9.00	0,915	555622.0101	017550	190,00
N	22	220-240	84x0,30W	1150	4000	6	9.00	0,915	555623.0101	017628	190,00
G	22	220-240	84x0,30W	1150	4000	6	9.00	0,915	555626.0101	097378	190,00





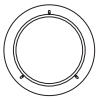
È possibile regolare la sensibilità di rilevamento, la distanza di intervento, la soglia di luminosità ed il tempo di accensione.

The detection sensitivity, intervention distance, luminosity threshold and lighting time can be adjusted.

220-240V 50/60Hz >30.000h 750° EN60598 IK09 IP55

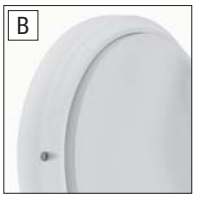
Led Platax SA Emergenza

EMERGENZA • *EMERGENCY* • SÉCURITÉ • *NOTBELEUCHTUNGS* • EMERGENCIA • EMERGENZA • *EMERGENCY* • SÉCURITÉ • *NOTBELEUCHTUNGS* • EMERGENCIA • EMERGENZ



Ø 290 mm

95 mm



GARANZIA 5 ANNI

> 30.000 h 16W LED ≈ 1.000 h 150W INC.

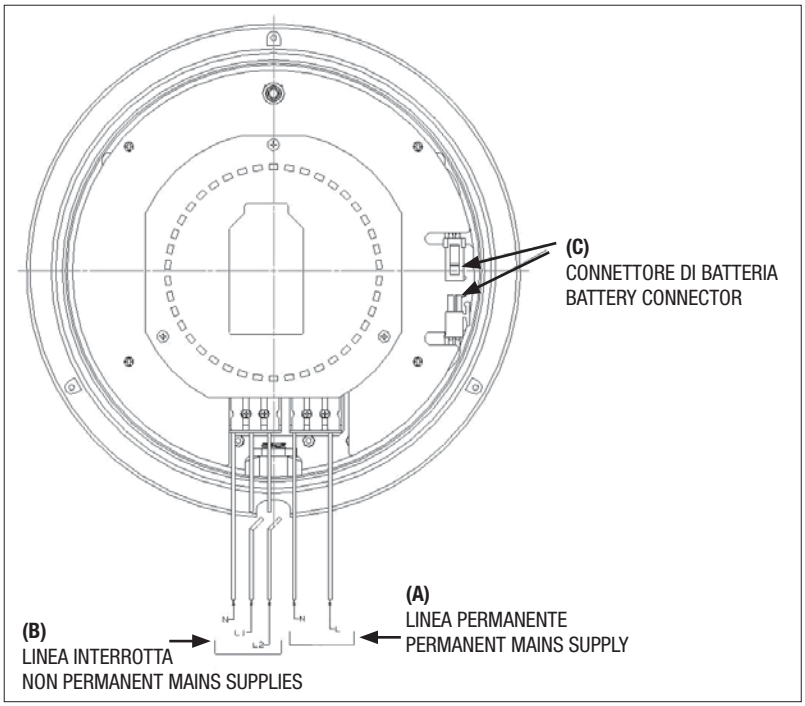
Caratteristiche tecniche
Plafoniera Stagna LED con Emergenza integrata.
Platax utilizza LED SEOUL SEOUL SEMICONDUCTOR 21+21 LED (21 LED emergenza).
Il Gruppo di Emergenza interviene automaticamente in caso di interruzione della rete elettrica.
- Flusso luminoso costante in emergenza.
- Spegnimento automatico per sottotensione di batteria.
- Batteria a 3 elementi 3,6 V, 4 A/h.
- Tempo di ricarica massimo 24 ore
- Autonomia 3h, con flusso al 15%.
- Spia LED di attivazione del circuito di ricarica.
- Accensioni separate (2 drivers all'interno).
Norme di riferimento: EN60598-1, EN60598.2.1, EN62471, EN62031, EN60598-2-22.
Avvertenze: Al momento dell'acquisto le batterie non sono cariche.
Si consiglia una ricarica di 48 ore prima di effettuare il controllo dell'autonomia.
Technical features

Water Proof fitting LED with Emergency Kit integrated.
Platax uses LED SEOUL SEOUL SEMICONDUCTOR 21+21 LED (21 LED emergency).
Emergency Kit turns on when power is cut.
- Non stop light flow during emergency.
- Under voltage lockout.
- Battery 3 elements 3,6V, 4 A/h included.
- Charging time max 24 hours.
- Autonomy 3h with flux 15%.
- Monitor LED to indicate mains-on conditions.
- Double switching (2 drivers inside).

Reference stadards: EN60598-1, EN60598.2.1, EN62471, EN62031, EN60598-2-22.
Important: At the time of the purchase, the batteries are not charged.
We suggest a charge of 48 hours before checking the duration in emergency mode.

LED PLATAX EMERGENZA SA OPAL - *LED SA PLATAX EMERGENCY*

colour	W	V		K	Flusso 1 *Flux 1* Lm	Flusso 2 *Flux 2* Lm	Flusso tot. *Total Flux* Lm	Emer. *Emer.* Lm	3h	Batteria/*Battery* Ni-Cd Volt	Ah	Kg	CEL-EML	Euro cad.
B	16	220-240	B 42x0,38 W	4000	400	400	800	15%	●	3,6	4	1,160	555616.0101	150,00
N	16	220-240	B 42x0,38 W	4000	400	400	800	15%	●	3,6	4	1,160	555617.0101	150,00
G	16	220-240	B 42x0,38 W	4000	400	400	800	15%	●	3,6	4	1,160	555629.0101	150,00



Caratteristiche tecniche
(A) Linea permanente per la ricarica delle batterie e il funzionamento in emergenza.
(B) Linea interrotta a due livelli di accensione (50% + 50%) e neutro comune. Collegando insieme L1 e L2 si ottiene l'accensione al 100%.
(C) Il gruppo batterie viene fornito non connesso per non danneggiare gli accumulatori. Eseguire la connessione durante l'installazione.

(A) *Permanent mains supply (battery recharge and mains failure detection)*
(B) *Non permanent mains supply with two light output levels (50% + 50%) with common neutral. Join L1 and L2 to have 100% light outpup level.*
(C) *The battery pack comes not connected to the circuit. Connect together male and female connectors.*

Accessori - *Accessories*

+

Cod. CO3001.100
VISIERA NYLON BIANCO **ø 290mm**
NYLON VISOR WHITE ø 290mm

Cod. CO4001.100
VISIERA NYLON BIANCO **ø 376mm**
NYLON VISOR WHITE ø 376mm

=

+

Cod. CO3002.100
VISIERA NYLON NERO **ø 290mm**
NYLON VISOR BLACK ø 290mm

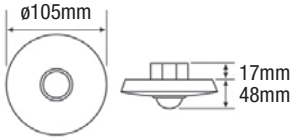
Cod. CO4002.10
VISIERA NYLON NERO **ø 376mm**
NYLON VISOR BLACK ø 376mm

=

Accessorio abbinabile solo alla versione LED PLATAX DIMMERABILE - *Accessory for use only with the DIMMABLE LED PLATAX version*

PD-C360i/8 DIMplus

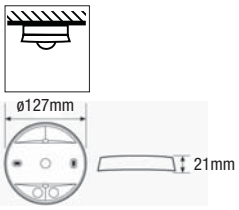
MOBIL-PDi/plus



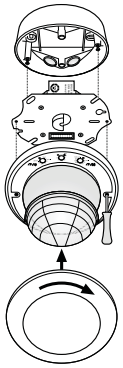
Cod. EM10425028
PD-C360i/8 rilevatore di presenza
PD-C360i/8 presence detector

Cod. EM10425530
Mobil-PDi/plus telecomando
Mobil-PDi/plus remote control

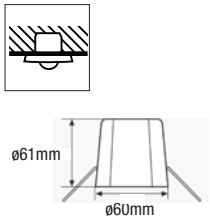
IP54



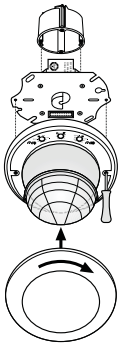
B **Cod. EP10425905**
Scatola a plafone IP54
Surface-mounted box IP54



IP20



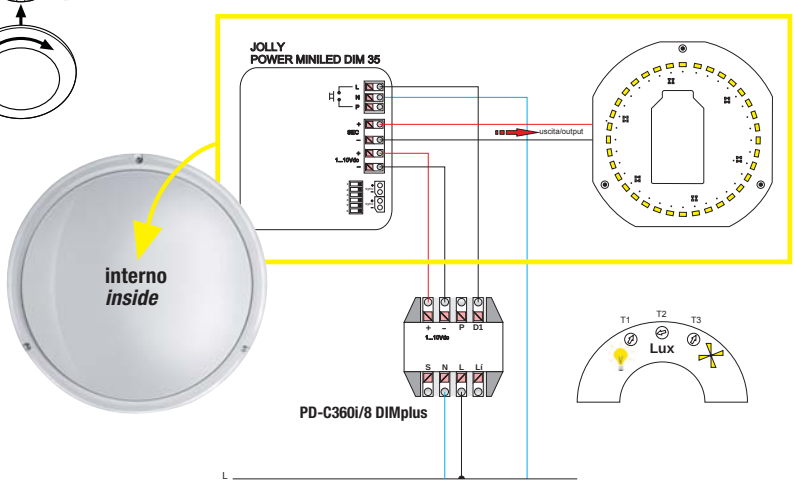
B **Cod. EP10425929**
scatola incasso per cartongesso
Ceiling-mounted Set

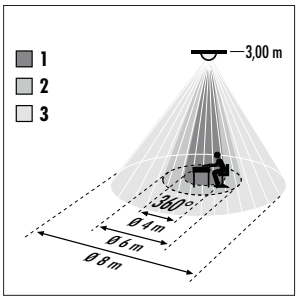


Tramite il sensore di luminosità modello PD-C360i/8 DIMplus in abbinamento a PLATAX dimmerabile, sarà possibile, collegando come da schema di fig.(A), gestire il livello di luminosità come ad esempio in caso di installazione in corridoi, scale ecc.
Con questo sistema sarà infatti possibile impostare un livello di illuminazione al 100% al passaggio delle persone, dopo l'ultima rilevazione, trascorso il tempo impostato su T1 la lampada si porterà al 10% della potenza massima, se non ci sono altre rilevazioni trascorso poi il tempo impostato sul trimmer T2 si avrà lo spegnimento completo della lampada fino al successivo intervento. Quando la lampada si trova al 10% in caso di un rilevamento di passaggio la lampada si porterà automaticamente al 100%.
Trimmer T2 regola invece il valore di luminosità ambientale di intervento (LUX). PD-C360i/8 DIMplus inoltre ha la possibilità di essere gestito tramite telecomando modello MOBIL-PDi/MDi, in questo modo sarà possibile effettuare tutte le regolazioni senza dover agire direttamente sui trimmer, la scelta del tipo di gestione se manuale o con telecomando deve essere effettuata in fase di installazione.

*Through the light sensor model PD-C360i/8 DIMplus, used in combination with dimmable PLATAX, it will be possible to manage the brightness level of installations for example in hallways, staircases etc., by connecting them as shown in fig.**(A).***
With this system, it will be possible to set a light level of 100% as people pass, after the last detection. After the time set on T1 has passed, the bulb will reduce to 10% of maximum power, if there are no other detections. Then, when the time set on the T2 trimmer has passed, you will have full shutdown of the bulb until the next intervention. When the bulb is at 10% and passage is detected, it will automatically go up to 100%.
Trimmer T2 instead adjusts the value of environmental brightness of the intervention (LUX).
PD-C360i /8 DIMplus also has the option of being operated by remote control model MOBIL-PDi/MDi, so you can easily adjust settings without having to act directly on the trimmer. The choice of the type of management, manual or remote control, must be made during installation.

Schema di funzionamento **(A)** - *Operating diagram **(A)***





1) Campo di lavoro
2) Frontale rispetto al rilevatore
3) Trasversale rispetto al rilevatore

***1)** Working area*
***2)** Head-on to detector*
***3**) Diagonally to detector*

Led Extreme

Innovativi proiettori Led Cree progettati per illuminare campi sportivi, stadi, aree di parcheggio, aereoporti e grandi aree in genere, sia per installazioni singole sia su torri faro, garantendo elevati rendimenti ed estremo risparmio energetico, riducendo di conseguenza al minimo i rischi e gli oneri degli interventi.
Protetto contro i fulmini e le sovratensioni. Potere di interruzione 4,5 kA.
Fattore di potenza: > 0,9.
Disponibili su richiesta: versioni con temperatura di colore 3000K o 4000K.
Corpo e telaio in alluminio pressofuso EN AB46100, verniciato con polvere termoindurente poliestere di colore grigio RAL 9023, resistente agli agenti atmosferici e alla corrosione garantita per 1.000 ore in nebbia salina. Vetro piano temperato, spessore 4mm, con serigrafia colore grigio nelle parti di non interesse ottico.
Guarnizione in poliuretano a cellule chiuse dalle rilevanti prestazioni meccaniche ed elastiche.
Staffa di installazione verniciata con polvere termoindurente poliestere di colore grigio, resistente agli agenti atmosferici e alla corrosione garantita per 1.000 ore in nebbia salina, preforata che permette il fissaggio dell'apparecchio nella posizione più idonea.
Goniometro graduato applicato alla staffa di rotazione per consentire un corretto puntamento. Viteria esterna in acciaio inox.
Alimentatore integrato nell'apparecchio.
Led di potenza ad alta luminosità Multichip da 30W.
Riflettore Led in ULTEM® resistente fino ad una temperatura di 180° C a metallizzazione selettiva.
Dissipatori di calore in alluminio anodizzato con marcate alette di raffreddamento, montati sulla chiusura posteriore in policarbonato, garantendo una durata dei Led di oltre 50.000 ore.
Pressacavo IP68 antistrappo in ottone nichelato.
Norme di riferimento: EN60598-1, EN60598-2-1, EN62471, EN62031, EN60598-2-5.

Innovative LED Cree spotlights designed to light sports fields, stadiums, car parks, airports and large spaces in general. They can be installed individually or as part of light tower installations, providing high performance and massive energy savings as well as reducing risks and installation and maintenance costs.
Protected against lightning and overvoltage.
Breaking power 4,5 kA. Power factor: > 0,9.
Available on request: *versions with a colour temperature of 3000K or 4000K.*
Case and frame *made from EN AB46100 die-cast aluminium, coated with grey RAL 9023 polyester thermoset powder. Resistance to atmospheric agents and corrosion guaranteed for 1,000 hours in saline mist.*
Tempered flat ***glass****, 4mm thick, with grey print in the areas not used for the optics. Closed cell polyurethane seal with excellent mechanical performance and flexibility.*
Installation *bracket coated with grey polyester thermoset powder. Resistance to atmospheric agents and corrosion guaranteed for 1,000 hours in saline mist. Pre-drilled to allow for installation in the most suitable position.*
Graduated goniometer *applied to the rotation bracket to allow for correct orientation. Stainless steel external* ***screws****. Integrated ballast.*
30W high luminosity multi-chip ***LEDs****.*
ULTEM® LED reflector capable of withstanding temperatures of up to 180° C, with selective metal plating.
Heat sinks *in anodised aluminium with prominent cooling fins, fitted to the polycarbonate rear cover, ensuring LED life of over 50,000 hours.*
IP68 tear-resistant nickel-plated brass ***cable-gland.***
Reference stadards: *EN60598-1, EN60598-2-1, EN62471, EN62031, EN60598-2-5.*

Accessori - *Accessories*

JOLLY Omega
interfaccia analogica 1÷10 Vdc
1÷10 Vdc
analogic interface

Articolo Article	V	Hz	Max. load			Codice Code	Euro cad.
JOLLY omega	230÷240	50	15 ballast	0...+35	1	RM0485	104,73

Possibilità di regolare l'intensità luminosa con iterfaccia analogica.
- Alimentazione: 230Vac - 50Hz
- Uscita morsetti 7 - 8: Tensione regolabile 0÷10Vcc
- Portata massima uscita: 30mA
- Portata massima morsetti C1 - C2: 5A.
- Ingombro: 4 moduli DIN

Ability to adjust the light intensity with analogic interface.
- *Power supply: 230Vac - 50Hz.*
- *Terminals output 7 - 8: adjustable voltage 0÷10Vcc.*
- *Maximum output power: 30mA.*
- *Maximum terminals power C1 - C2: 5A.*
- *Overall size: 4 DIN modules.*

Codolo per testa palo
Pole head spigot

Codice Code
703952.0101

Codolo per testa palo 1 o 2 proiettori Extreme Led Ø 60/76 mm. In ferro verniciato con polveri termoindurenti.
Poliesteri resistenti alla corrosione ed agli agenti atmosferici.
Pole head spigot for either 1 or 2 Extreme Led lamps, size Ø 60/76 mm. Iron coating with polyester thermosetting powder coating, offering high resistance to rust and external atmospheric agents.

caratteristiche tecniche - *technical features*

Struttura in lega di alluminio verniciata a polveri epossidiche

Aluminum alloy structure painted with epoxy powder

Dissipatore in lega di alluminio anodizzato naturale ad alta dispersione termica

High heat loss natural anodized aluminum alloy sink

Piastra posteriore in polimero atermica per l'isolamento termico tra i dissipatori

Athermal polymer back plate for thermal isolation between sinks

Staffa di aggancio regolabile con fissaggio meccanico e indicatore graduato

Adjustable hooking bracket with mechanical fasteners and graduated indicator

Schermo di protezione in vetro borosilicato trasparente extra-chiaro

Extra clear protection screen made of borosilicate glass

Riflettori in polimero resistente alle alte temperature Ultem® con metallizzazione in alto vuoto cromata

High temperature resistant Ultem® polymer reflectors with chrome high vacuum metallization

Alimentatori elettronici dimmerabili PHILIPS con 5 anni di garanzia

PHILIPS *Dimmable electronic power supply with 5 years warranty*

Dispositivo di protezione contro fulmini e sovra correnti/tensioni

Over current/tension and lightning protection device

Vano di alimentazione protetto con guarnizioni siliconiche e pressacavo IP68

Protected power supply compartment with silicone gaskets and IP68 gland

dettagli - *details*

Regolazione ghiera graduata
Adjusting graduated ring

Tappo di protezione in silicone
Protective silicone cap

Schermo di protezione e riflettori
Protection screens and reflectors

Apertura vano connessione
Wire box opening

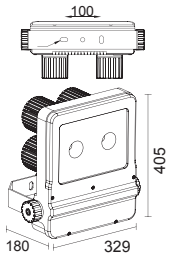
Collegamento vano connessione
Wire box connection

Dissipatore
Heat sink

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

220-240V AC 50/60Hz >50.000h IK09 IP65

Led Extreme 60W



Potenza comparata ad una lampada ad loduri Metallici
Power compared to a Metal Halide lamp.

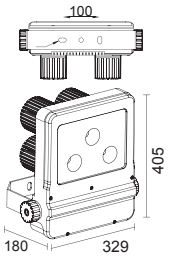
Pag. 119

INCLUDED

> 30.000 h ≈ 12.000 h
60W LED 100W-HID

COLOUR	W		METAL HALIDE*		LED	V	CLASSE ISOLAM	lm	K		dm³	Kg	CELL	€ CAD.
G	60	≈	100	25°	2	220-240	I	4800	6000K	1	16,30	17	555633.0101	400,000
G	60	≈	100	40°	2	220-240	I	4800	6000K	1	16,30	17	555530.0101	400,000
G	60	≈	100	80°	2	220-240	I	4800	6000K	1	16,30	17	555530.0180	400,000

Led Extreme 90W



Potenza comparata ad una lampada ad loduri Metallici
Power compared to a Metal Halide lamp.

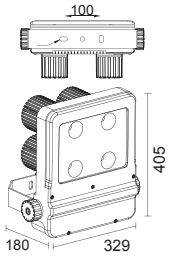
Pag. 119

INCLUDED

> 30.000 h ≈ 12.000 h
90W LED 150W-HID

COLOUR	W		METAL HALIDE		LED	V	CLASSE ISOLAM	lm	K		dm³	Kg	CELL	€ CAD.
G	90	≈	150	25°	3	220-240	I	7200	6000K	1	16,30	18	555634.0101	600,000
G	90	≈	150	40°	3	220-240	I	7200	6000K	1	16,30	18	555531.0101	600,000
G	90	≈	150	80°	3	220-240	I	7200	6000K	1	16,30	18	555531.0180	600,000

Led Extreme 120W



Potenza comparata ad una lampada ad loduri Metallici
Power compared to a Metal Halide lamp.

Pag. 119

INCLUDED

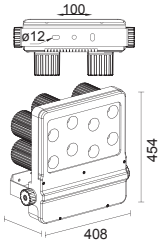
> 30.000 h ≈ 12.000 h
120W LED 250W-HID

COLOUR	W		METAL HALIDE		LED	V	CLASSE ISOLAM	lm	K		dm³	Kg	CELL	€ CAD.
G	120	≈	250	25°	4	220-240	I	9600	6000K	1	16,30	18,70	555532.0101	800,000
G	120	≈	250	40°	4	220-240	I	9600	6000K	1	16,30	18,70	555605.0101	800,000
G	120	≈	250	80°	4	220-240	I	9600	6000K	1	16,30	18,70	555605.0180	800,000

DIMMERABILE A RICHIESTA
DIMMABLE ON REQUEST

220-240V AC 50/60Hz >50.000h IK09 IP65

Led Extreme 240W



Potenza comparata ad una lampada ad loduri Metallici
Power compared to a Metal Halide lamp.

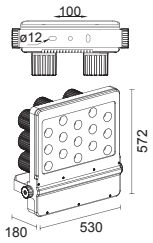
Pag. 119

INCLUDED

> 30.000 h 240W LED ≈ 12.000 h 400W-HID

COLOUR	W		METAL HALIDE*		LED	V	CLASSE ISOLAM	lm	K		dm³	Kg	CELL	€ CAD.
G	240	≈	400	25°	8	220-240	I	19200	6000K	1	20,30	20,70	555536.0101	1.300,000
G	240	≈	400	40°	8	220-240	I	19200	6000K	1	20,30	20,70	555606.0101	1.300,000
G	240	≈	400	80°	8	220-240	I	19200	6000K	1	20,30	20,70	555606.0180	1.300,000

Led Extreme 300W



Potenza comparata ad una lampada ad loduri Metallici
Power compared to a Metal Halide lamp.

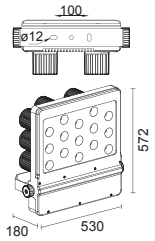
Pag. 119

INCLUDED

> 30.000 h 300W LED ≈ 12.000 h 600W-HID

COLOUR	W		METAL HALIDE		LED	V	CLASSE ISOLAM	lm	K		dm³	Kg	CELL	€ CAD.
G	300	≈	600	25°	10	220-240	I	24000	6000K	1	20,30	21,70	555607.0101	1.400,000
G	300	≈	600	40°	10	220-240	I	24000	6000K	1	20,30	21,70	555608.0101	1.400,000
G	300	≈	600	80°	10	220-240	I	24000	6000K	1	20,30	21,70	555608.0180	1.400,000

Led Extreme 450W



Potenza comparata ad una lampada ad loduri Metallici
Power compared to a Metal Halide lamp.

Pag. 119

INCLUDED

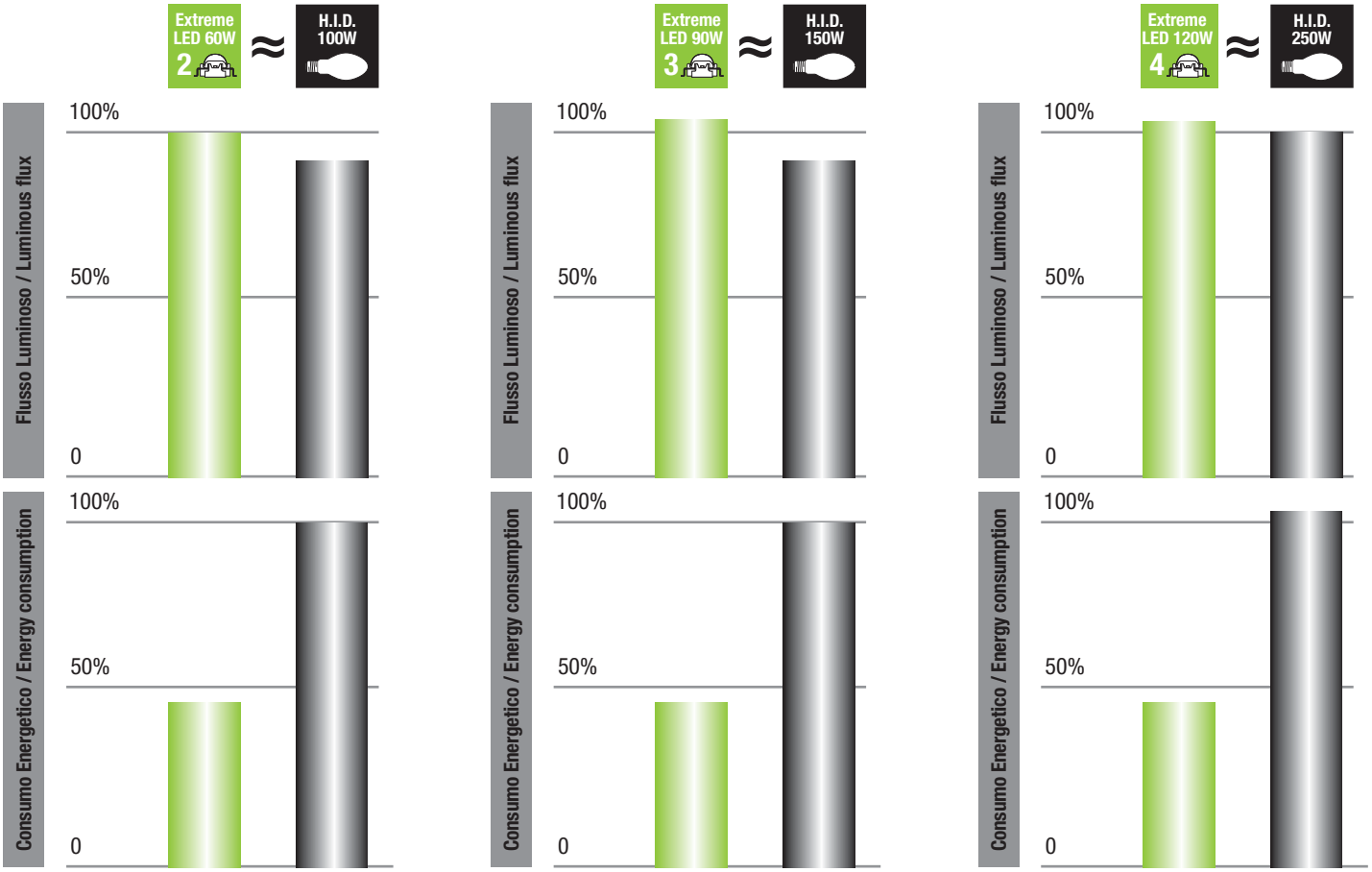
> 30.000 h 450W LED 12.000 h 1000W-HID

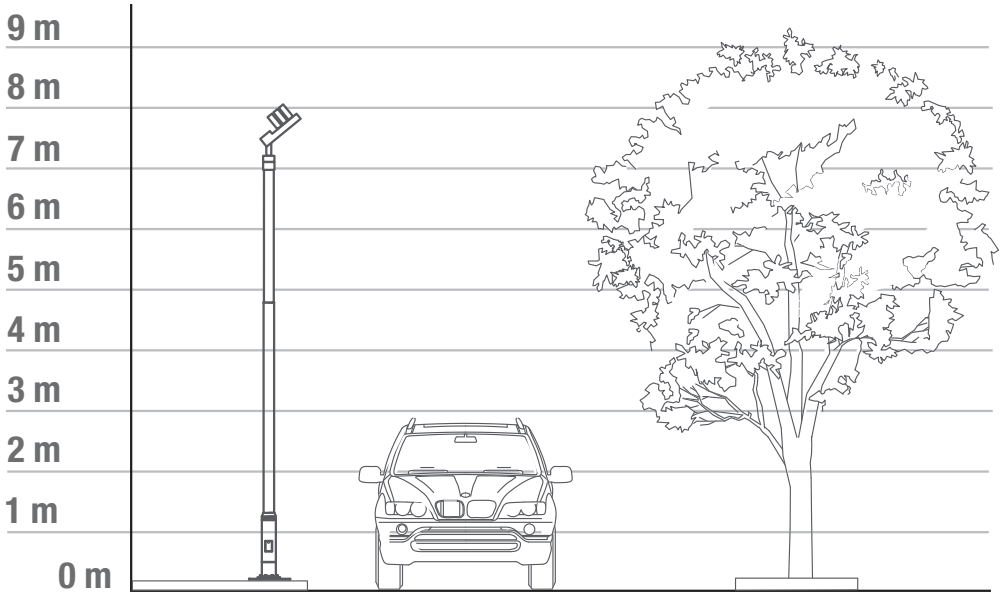
COLOUR	W		METAL HALIDE		LED	V	CLASSE ISOLAM	lm	K		dm³	Kg	CELL	€ CAD.
G	450	≈	900	25°	15	220-240	I	36000	6000K	1	21,30	25,70	555539.0101	2.000,000
G	450	≈	900	40°	15	220-240	I	36000	6000K	1	21,30	25,70	555609.0101	2.000,000
G	450	≈	900	80°	15	220-240	I	36000	6000K	1	21,30	25,70	555609.0180	2.000,000

Led Extreme

tabelle comparative con loduri Metallici - *comparative tables with Metal Halide*

La sostituzione di un vecchio impianto che monta apparecchiature dotate di Lampade a loduri Metallici a favore di nuove installazioni di proiettori LED c.o.b., può ridurre il consumo energetico di circa il 50-60% ed incrementare l'illuminazione in accordo con gli attuali regolamenti e normative vigenti in materia di illuminazione, senza modificare le strutture esistenti.
The replacement of an old system using Metal Halide lamps with c.o.b. LED lamps can reduce energy consumption by 50-60% and increase the lighting in accordance with existing rules and regulations relating to lighting without the need to change existing structures.





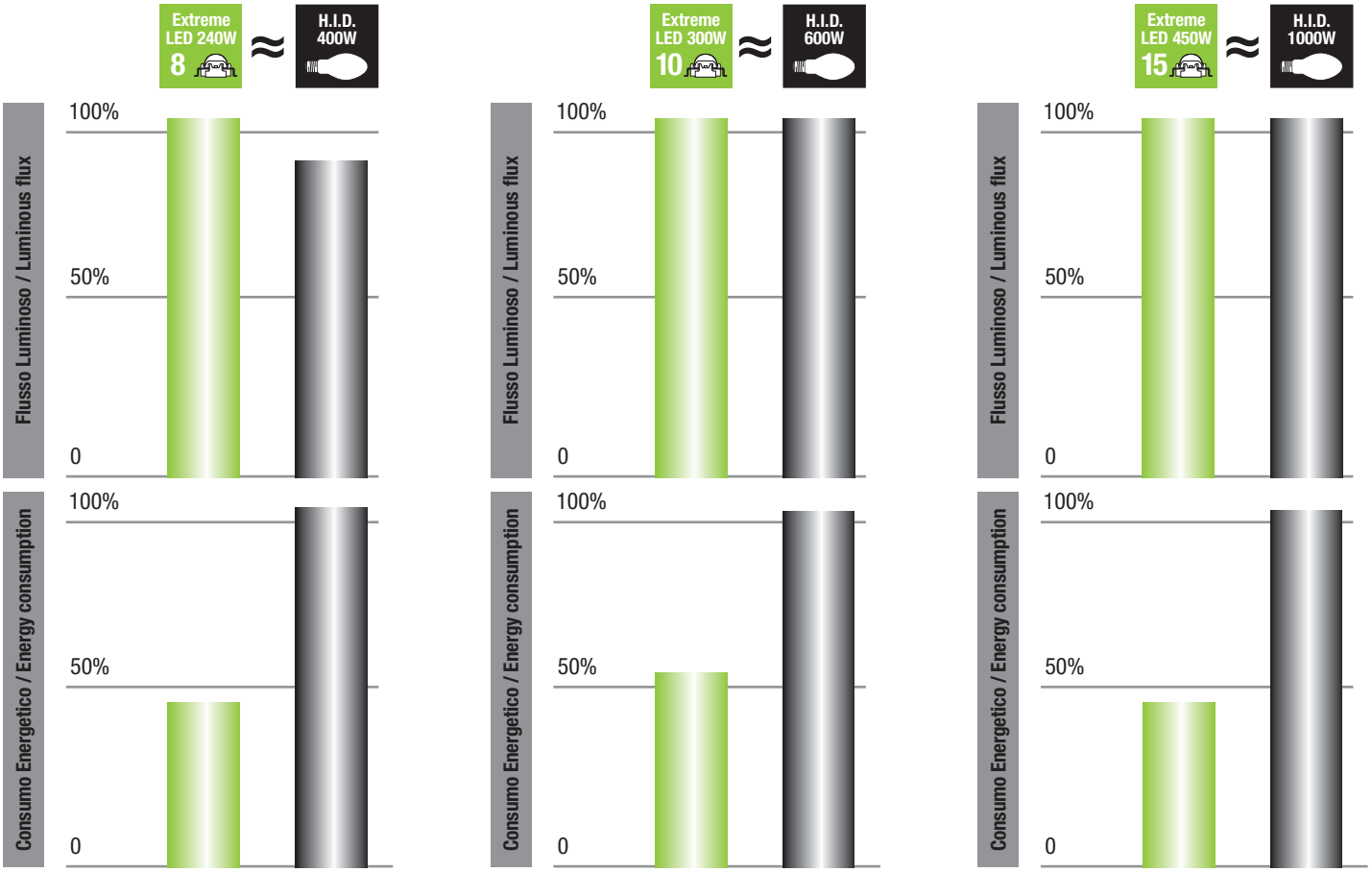
Confronto dei consumi su un percorso stradale con pali di 8 m di altezza

Comparison of consumption of a road with poles of 8 m in height.

NEWS 2014

Extreme LED 1000W ≈ H.I.D. 2000W

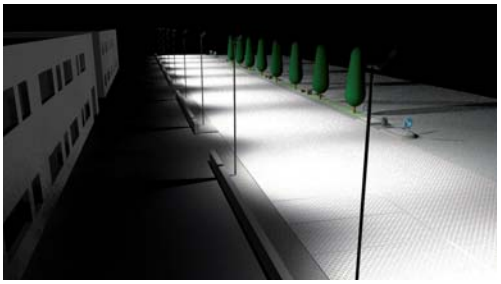
- Da Settembre 2013 disponibile versione LED Extreme 1000W comparabile a 2000W loduri metallici
- *LED Extreme 1000W version is comparable to a 2000 W metal halide and will be available from September 2013.*



Progetti - *Projects*

L'ampia gamma dei nuovissimi proiettori LED Extreme Leuci, grazie alla loro versatilità, disponibili in svariate potenze, temperature di colore e fascio di emissione, trovano impiego in qualsiasi applicazione soddisfando ogni esigenza illuminotecnica, nel massimo rispetto dell'ambiente senza sprechi di energia.

Thanks to their versatility, the wide range of Extreme LED spotlights from Leuci, available in a variety of powers, colour temperatures and emission beams, can be used in any application satisfying all lighting requirements in respect of the environment without wasting energy.



Referenze - *Reference*

Montaggio testapalo e sospensione - Pole-top and suspension installation

Autosalone
Fratelli Giacomel Milano
Auto sales
Fratelli Giacomel, Milan

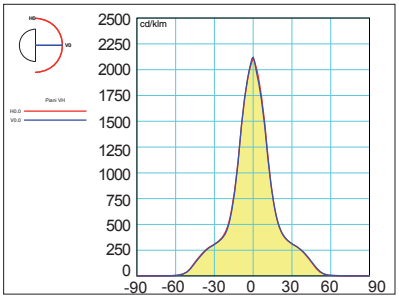
Polo Logistico
Autogrill, Roma
Logistics Centre
Autogrill, Rome

Montaggio a parete/terra/torrefaro - Floor/ceiling/ lighting tower configurations fitting

Area portuale, Genova
Port Area,Genoa

Polo Logistico
Autogrill, Milano
Logistics Centre
Autogrill, Milan

Dati fotometrici - *Photometric data*



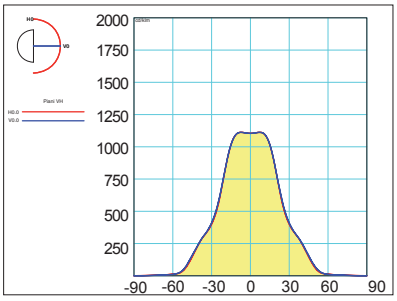
Extreme Led 25°

Extreme 60W - 25°

		Emax
Ø 0.88 m	2 m	2830 lux
Ø 1.23 m	3 m	
Ø 1.76 m	4 m	730 lux
Ø 2.54 m	6 m	325 lux
Ø 3.55 m	8 m	
Ø 4.30 m	10 m	
Ø 5.50 m	12 m	

Extreme 90W - 25°

		Emax
Ø 0.88 m	2 m	4200 lux
Ø 1.23 m	3 m	
Ø 1.76 m	4 m	1080 lux
Ø 2.54 m	6 m	480 lux
Ø 3.55 m	8 m	
Ø 4.30 m	10 m	
Ø 5.50 m	12 m	



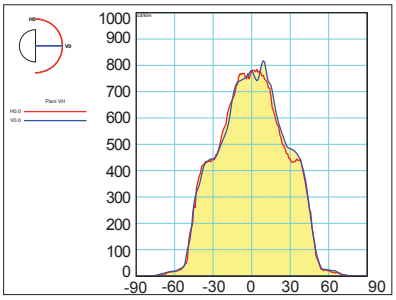
Extreme Led 40°

Extreme 60W - 40°

		Emax
Ø 1.86 m	2 m	1300 lux
Ø 2.80 m	3 m	
Ø 3.75 m	4 m	330 lux
Ø 5.60 m	6 m	145 lux
Ø 7.45 m	8 m	
Ø 9.30 m	10 m	
Ø11.20 m	12 m	

Extreme 90W - 40°

		Emax
Ø 1.86 m	2 m	1950 lux
Ø 2.80 m	3 m	
Ø 3.75 m	4 m	505 lux
Ø 5.60 m	6 m	210 lux
Ø 7.45 m	8 m	
Ø 9.30 m	10 m	
Ø11.20 m	12 m	



Extreme Led 80°

Extreme 60W - 80°

		Emax
Ø 3.37 m	2 m	855 lux
Ø 5.05 m	3 m	
Ø 6.73 m	4 m	209 lux
Ø 10.20 m	6 m	110 lux
Ø 13.50 m	8 m	
Ø 16.90 m	10 m	
Ø 22.20 m	12 m	

Extreme 90W - 80°

		Emax
Ø 3.37 m	2 m	1150 lux
Ø 5.05 m	3 m	
Ø 6.73 m	4 m	280 lux
Ø 10.20 m	6 m	1400 lux
Ø 13.50 m	8 m	
Ø 16.90 m	10 m	
Ø 22.20 m	12 m	

Extreme 120W - 25°

		Emax
Ø 0.88 m	2 m	5860 lux
Ø 1.23 m	3 m	
Ø 1.76 m	4 m	1467 lux
Ø 2.54 m	6 m	651 lux
Ø 3.55 m	8 m	
Ø 4.30 m	10 m	
Ø 5.50 m	12 m	

Extreme 240W - 25°

		Emax
Ø 0.88 m	2 m	
Ø 1.23 m	3 m	
Ø 1.76 m	4 m	
Ø 2.54 m	6 m	1236 lux
Ø 3.55 m	8 m	
Ø 4.30 m	10 m	443 lux
Ø5.50 m	12 m	308 lux

Extreme 300W - 25°

		Emax
Ø 0.88 m	2 m	
Ø 1.23 m	3 m	
Ø 1.76 m	4 m	
Ø 2.54 m	6 m	1678 lux
Ø 3.55 m	8 m	
Ø 4.30 m	10 m	594 lux
Ø5.50 m	12 m	420 lux

Extreme 450W - 25°

		Emax
Ø 0.88 m	2 m	
Ø 1.23 m	3 m	
Ø 1.76 m	4 m	
Ø 2.54 m	6 m	2378 lux
Ø 3.55 m	8 m	
Ø 4.30 m	10 m	855 lux
Ø5.50 m	12 m	594 lux

Extreme 120W - 40°

		Emax
Ø 1.86 m	2 m	2668 lux
Ø 2.80 m	3 m	
Ø 3.75 m	4 m	667 lux
Ø 5.60 m	6 m	296 lux
Ø 7.45 m	8 m	
Ø 9.30 m	10 m	
Ø11.20 m	12 m	

Extreme 240W - 40°

		Emax
Ø 1.86 m	2 m	
Ø 2.80 m	3 m	
Ø 3.75 m	4 m	
Ø 5.60 m	6 m	562 lux
Ø 7.45 m	8 m	
Ø 9.30 m	10 m	202 lux
Ø11.20 m	12 m	140 lux

Extreme 300W - 40°

		Emax
Ø 1.86 m	2 m	
Ø 2.80 m	3 m	
Ø 3.75 m	4 m	
Ø 5.60 m	6 m	763 lux
Ø 7.45 m	8 m	
Ø 9.30 m	10 m	270 lux
Ø11.20 m	12 m	191 lux

Extreme 450W - 40°

		Emax
Ø 1.86 m	2 m	
Ø 2.80 m	3 m	
Ø 3.75 m	4 m	
Ø 5.60 m	6 m	1081 lux
Ø 7.45 m	8 m	
Ø 9.30 m	10 m	389 lux
Ø11.20 m	12 m	270 lux

Extreme 120W - 80°

		Emax
Ø 3.37 m	2 m	1415 lux
Ø 5.05 m	3 m	
Ø 6.73 m	4 m	350 lux
Ø 10.20 m	6 m	162 lux
Ø 13.50 m	8 m	
Ø 16.90 m	10 m	
Ø 22.20 m	12 m	

Extreme 240W - 80°

		Emax
Ø 3.37 m	2 m	
Ø 5.05 m	3 m	
Ø 6.73 m	4 m	
Ø 10.20 m	6 m	452 lux
Ø 13.50 m	8 m	
Ø 16.90 m	10 m	152 lux
Ø 22.20 m	12 m	105 lux

Extreme 300W - 80°

		Emax
Ø 3.37 m	2 m	
Ø 5.05 m	3 m	
Ø 6.73 m	4 m	
Ø 10.20 m	6 m	480 lux
Ø 13.50 m	8 m	
Ø 16.90 m	10 m	195 lux
Ø 22.20 m	12 m	130 lux

Extreme 450W - 80°

		Emax
Ø 3.37 m	2 m	
Ø 5.05 m	3 m	
Ø 6.73 m	4 m	
Ø 10.20 m	6 m	855 lux
Ø 13.50 m	8 m	
Ø 16.90 m	10 m	230 lux
Ø 22.20 m	12 m	190 lux

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25898	LED Syros QC Opal 40W 3K IP40	220,67	22
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25959	LED Syros QR 40W 4K IP65 DE	281,11	21
25960	LED Syros QR Opal 40W 4K IP40 DE	208,40	21
26010	LED Syros QR Opal 40W 4K IP40	192,50	21
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26012	LED Syros QR Opal 40W 6K IP40	192,50	21
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27305	LED Tron trifase 60W 3K	420,00	77
27305	LED Trim CD 250 45W 3K	420,00	81
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27314	LED Tron trifase 72W 4K	450,00	77
27324	LED Tron trifase 30W 4K	360,00	77
27328	LED Tron trifase 48W 3K	390,76	77
27329	LED Tron trifase 48W 4K	390,76	77
27330	LED Tron trifase 48W 6K	390,76	77
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30624	LED Direction 4W GU10 3K Cromo	36,75	50
30625	LED Direction 4W GU10 3K Silver	36,75	50
30626	LED Direction 4W GU10 3K Oro	36,75	50
30627	LED Direction 5,8W GU10 6K White	31,50	50
30628	LED Direction 5,8W GU10 6K Cromo	31,50	50
30629	LED Direction 5,8W GU10 6K Silver	31,50	50
30630	LED Direction 5,8W GU10 6K Oro	31,50	50
30633	LED Kit Direction DIM power 9W 3K White	59,85	51
30634	LED Kit Direction DIM power 9W 3K Silver	59,85	51
30635	LED Kit Direction DIM power 9W 6K White	59,85	51
30636	LED Kit Direction DIM power 9W 6K Silver	59,85	51
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30753	LED Hidden 27W 3K Grey	128,00	45
30754	LED Hidden 27W 6K Oro	128,00	45
30755	LED Hidden 27W 3K Oro	128,00	45
30770	LED Kit Firma 12V TBT 8,4W 6K	63,00	49
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31282	LED Semplice 1 13W 3K Grey	143,33	65
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31284	LED Semplice 2 13W 3K White	158,76	65
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32002	LED Allegra 30W 4K	200,55	100
32003	LED Allegra 24W 4K	160,00	100
32030	LED Allegra 48W 4K	174,25	100
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32030/RN3	LED Allegra RN 48W 3K	182,70	101
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32031	LED Allegra 60W 4K	205,80	100
32031/ENER	LED Allegra Emergenza SA 4K Grey	-	100
32031/INOX	LED Allegra Inox 60W 4K	350,00	105
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32031/RN4	LED Allegra RN 60W 4K	218,66	101
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32447	LED Retail binario 27W 6K Black	146,48	61
32448	LED Retail binario 27W 3K Black	143,33	61
32449	LED Retail binario 27W 6K Silver	146,48	61
32450	LED Retail binario 27W 3K Silver	143,33	61
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32459	LED Super Axolute binario 40-50W 3K Gr	362,25	57
32460	LED Super Axolute binario 65W 3K Wh	342,60	57
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LED Galileo 27W 6K Black	31060	154,35	31
LED Galileo 27W 6K Cromo	31064	160,65	31
LED Galileo 27W 6K White	31072	154,35	31
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LED Galileo 36W 3K Cromo	31238	183,75	31
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LED Luxxi 500 90W 3K Alluminio	28163	500,00	95
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LED Occhio 2 2x27W 6K Silver	31186	241,50	37
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LED Semplice 2 13W 3K Grey	31285	158,76	65
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LED Super Axolute C 40-50W 3K White	32462	370,65	57
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Visiera nylon bianco Ø 376mm	C04001.100	-	111
Visiera nylon nero Ø 290mm	C03002.100	-	111
Visiera nylon nero Ø 376mm	C04002.100	-	111

made in Italy

Led Maga

Apparecchi di illuminazione a led con luce d'accento per applicazioni da esterno

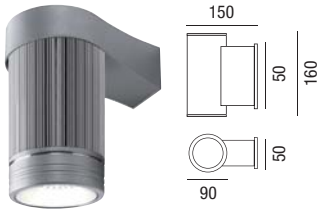
Apparecchi di illuminazione a led da esterno per installazione fissa a parete o soffitto che trovano la propria corretta applicazione dove è richiesto un punto luce con emissione con angolo flood solo verso il basso oppure verso alto e basso.
L'accurata scelta dei materiali ed i trattamenti superficiali contro la corrosione eseguiti su ogni componente rendono gli apparecchi adatti a qualsiasi condizione di utilizzo in ambienti esterni, disponibile con corpo in colore grigio alluminio o nero RAL 9005 opaco.
Corpo: alluminio anticordal ricavato dal pieno anodizzato e verniciato.
Ghiera: alluminio anticordal ricavato dal pieno anodizzato e verniciato.
Dissipatore: alluminio 6060T5 estruso anodizzato neutro.
Staffa a muro: alluminio pressofuso EAN46100. Verniciatura di tipo poliestere, eseguita a polvere
Schermo: vetro borosilicato extra chiaro resistente agli shock termici e agli urti (satinato su richiesta)
Cablaggio: senza alimentatore, dotato di muffola gel Steab IP68 per connessione alla rete.
Viterie: viti blocco sicurezza in acciaio.
Garanzia: 5 anni.
Durata LED: >30.000 h.

LED lighting fixtures with accent light for outdoor installation

Outdoor LED lighting fixtures for fixed installation on the wall or ceiling, suitable when a light source is needed with a flood angle emission only downwards or upwards and downwards.
The careful choice of materials and surface treatments against corrosion performed on each component make the fixture suitable for any outdoor environment use. Available with grey aluminium or RAL 9005 matt black body.
Body: aluminium Anticorodal from anodised and painted billets.
Lock ring: aluminium Anticorodal from anodised and painted billets.
Heat sink: 6060T5 neutral anodised extruded aluminium.
Wall bracket: EAN46100 die-cast aluminium.
Painting: powder polyester coating.
Screen: extra-light borosilicate glass resistant to thermal shocks and impacts (satin-finish upon request)
Wiring: without supply, equipped with gel Steab IP68 junction box for connection to the mains supply.
Screws: steel safety lock screws.
Warranty: 5 years.
LED durability: >30,000 h.

220/240V AC 50/60Hz | durata led / *span led* >30.000 h | colorazione LED 3000K | IP66 | IK08 | CRI 85 | 850°

LED Maga W 18W



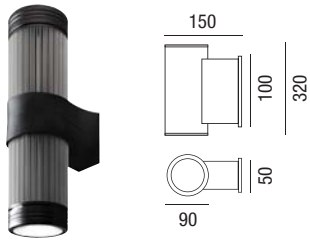
colour	W			Lm	K	Kg	CELL
N	18	120°	B 1x18W LED	1300	3000	1,40	32336
G	18						32333

A richiesta per quantità colorazione LED
Available according to quantityes LEDs

4000°K | 6000°K

visualizza il prodotto on line - *view the product on-line*

LED Maga W 2x18W

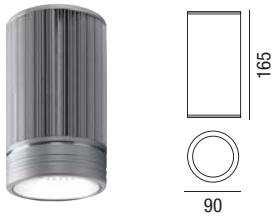


colour	W			Lm	K	Kg	CELL
N	2x18	120°	B 2x18W LED	2x1300	3000	2,80	32337
G	2x18						32334

A richiesta per quantità colorazione LED
Available according to quantityes LEDs

4000°K | 6000°K

LED Maga C



colour	W			Lm	K	Kg	CELL
N	18	120°	B 1x18W LED	1300	3000	1,20	32332
G	18						32335

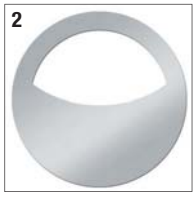
A richiesta per quantità colorazione LED
Available according to quantityes LEDs

4000°K | 6000°K

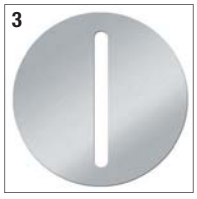
ottiche incluse - *optics included*

n°2 Pezzi ottiche medio concentranti a 50°,incluse
n° 2 Pieces optical narrow beam to 50°, included

ottiche non incluse - *optics not included*

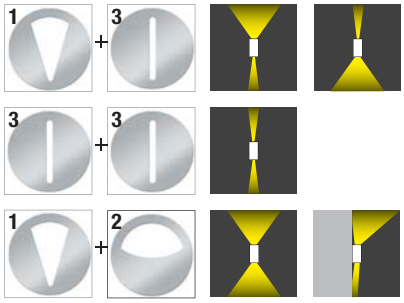


Cod. 32324
ottiche diffondenti a 100°
optical diffusing at 100 °



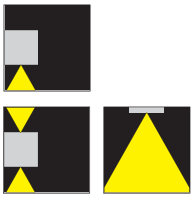
Cod. 32326
ottiche concentranti a 20°
narrow beam optics 20 °

Combinazioni possibili - possible combinations



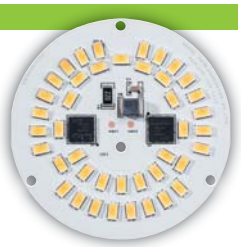
Comparazione LED/Halo tradizionale

> 30.000 h	≈	1.000 h
18W LED		100W
> 30.000 h	≈	1.000 h
2x18W LED		2x100W



LED MAGA utilizza LED/use LEDs

Acrich 2 230V.
SEOUL SEMICONDUCTOR



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